



Leaders in Pharmaceutical Products


Cleanchem
Laboratories
Driving Sustainability

Product List : 2016-17

- Impurity reference standards
- Working standards
- Building Blocks & Intermediates
- Speciality chemicals
- Custom synthesis
- Catalysts



*"taking on the
challenges
of today, to build a new
future
for tomorrow"*



∴ Address ∴

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ABOUT US

Cleanchem laboratories LLP is an independent reliable R&D based custom manufacturing company (CRAMS) delivering its numerous leading products to pharmaceutical, chemical, clinical research, speciality chemical, academic and government research institutions and healthcare industry. Cleanchem is fully research driven organization dealing with custom synthesis of impurity reference standards, NCE Building blocks, speciality chemicals, intermediates, complex organic chemicals for biomedical and pharmaceutical research. We also provide supplementary products such as secondary reference standards which are compared to USP, IP, EP or BP and accompanied with an advanced certificate of analysis (CoA).

Our motto is " *To develop all the chemical products and processes environmental benign, high quality and cost effective* ". Our manufacturing processes are majorly based on catalysis, which are 'CLEAN' and 'GREEN' taking an account on environment concern and global warming. Our strengthen workforce provide rapid response in both the quotes and the delivery of the product to the customers. This facilitates harmonised feedback from customers. We also respond to the concerns and needs of customers very promptly, efficiently and maintaining the confidentiality of their personal information.



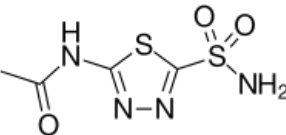
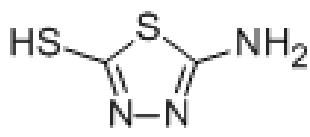
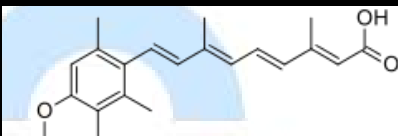

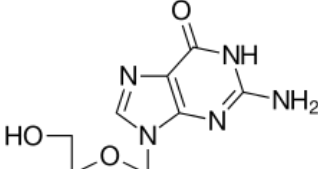
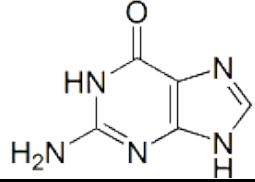
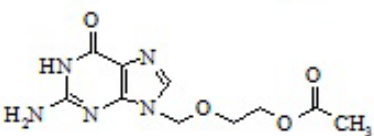
RESEARCH & TECHNOLOGY

Cleanchem Labs has its state of art R&D facility located at Rabale, Navi Mumbai. Our R&D capabilities are the backbone of the company's research program and support it by developing non-infringing and non-conventional synthetic routes. Research facility is based on principles of *Green chemistry & Engineering* which leads into development innovative, safe, cost effective and eco-friendly chemical manufacturing processes with minimal or zero waste to deliver high quality materials. We have a pool of highly qualified R&D scientists including Ph.D. and Master degree holders with a varied knowledge base and global exposure covering all areas of pharmaceutical, chemical and allied research. The ability to develop difficult-to-make, complex organic molecules by using the novel non-conventional technologies is the key differentiating factor of our research. Our well-furnished and equipped research lab facilitated with Rotavapour, Fumehood, High temperature and high pressure reaction autoclaves, Grignard reactions, Catalytic fixed bed and vapour phase reactions for continuous setup.

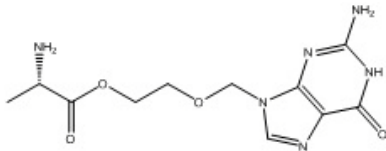
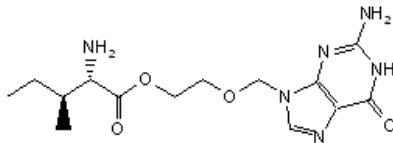
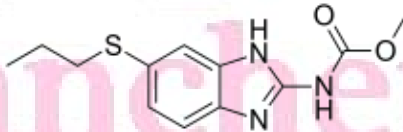

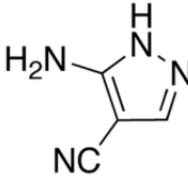

Research & Technology department is strongly supported by fully equipped analytical laboratory. Our analytical facility supported by instruments like HPLC, GC, NMR, Flash chromatography system, LCMS, GCMS, Karl Fisher apparatus, MP and BP analysis, pH meter, etc.



PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CODE	MATERIAL	STRUCTURE	DETAILS	Qty
	Acetazolamide			
CL01	Acetazolamide working std.		CAS: 59-66-5 MF: C ₄ H ₆ N ₄ O ₃ S ₂	
CL02	Acetazolamide EP Impurity G 5-Amino-1,3,4-thiadiazole-2-thiol		CAS: 2349-67-9 MF: C ₂ H ₃ N ₃ S ₂ MW: 133.2	
	Acitretin			
CL03	Acitretine working std.		CAS: 55079-83-9 MF: C ₂₁ H ₂₆ O ₃	
CL04	Alkylated hydroxyl sulphonamide imp.			
	Acyclovir			
CL05	Acyclovir working std. 2-Amino-1,9-dihydro-9-((2-hydroxyethoxy)methyl)-6H-purin-6-one		CAS: 59277-89-3 MF: C ₈ H ₁₁ N ₅ O ₃ MW: 225.21	
CL06	Aciclovir Working Std USP		CAS : 59277-89-3 MF: C ₈ H ₁₁ N ₅ O ₃	
CL07	Acyclovir EP Impurity B 2-Amino-1,9-dihydro-6H-purin-6-one		CAS: 73-40-5 MF: C ₅ H ₅ N ₅ O MW: 151.133	
CL08	Acyclovir Impurity-A		CAS: 102728-64-3 MF: C ₁₀ H ₁₃ N ₅ O ₄ MW: 267.25	

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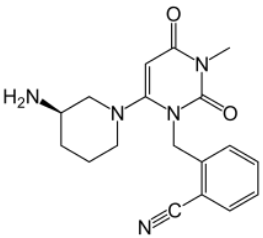
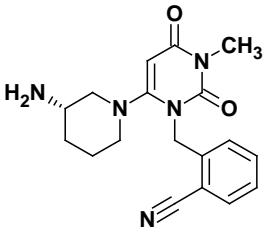
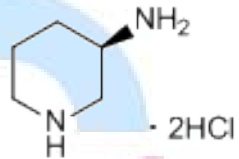
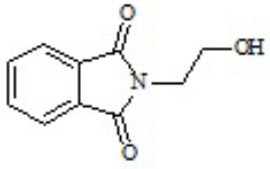
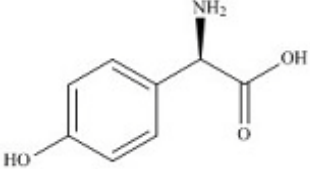
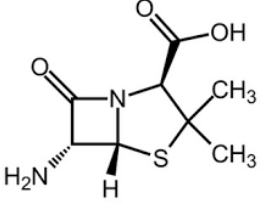
CL09	Acyclovir L- alaninate Valaciclovir Impurity-H 9-[(2-Hydroxyethoxy) methyl]guanine L- alaninate, 2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl L- alaninate		CAS: 84499-64-9 MF:C11H16N6O4 MW:296.28	
CL10	Acyclovir L- isoleucininate Valaciclovir Impurity-J L-Isoleucine 2-[(2-AMino-1,6-dihydro-6-oxo-9H-purin-9-yl)Methoxy]ethyl Ester		CAS:142963-63-1 MF:C14H22N6O4 MW:338.36	
	Albendazole			
CL11	Albendazole working std.IP		CAS:54965-21-8 MF:C ₁₂ H ₁₅ N ₃ O ₂ S	
	Allopurinol			
CL12	Allopurinol Working Std IP		CAS:-315-30-0 MF:- C ₅ H ₄ N ₄ O	
CL13	Allopurinol Nitrile Impurity 3-Aminopyrazole-4-carbonitrile; 3-Amino-1H-pyrazole-4-carbonitrile;		CAS: 16617-46-2 MF: C ₄ H ₄ N ₄ MW:108.1	
CL14	Allopurinol Impurity-A 5-Amino-1H-pyrazole-4-carboxamide		CAS: 27511-79-1 MF:C ₂ C ₄ H ₆ N ₄ O·H ₂ O ₄ S MW:350.31	
	Alogliptine			

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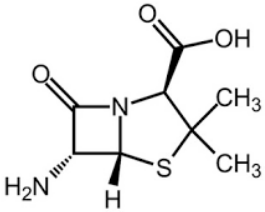
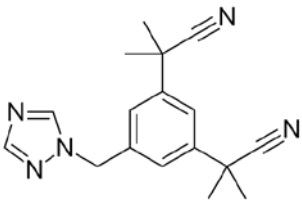
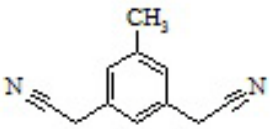
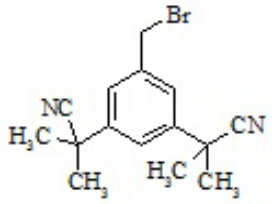
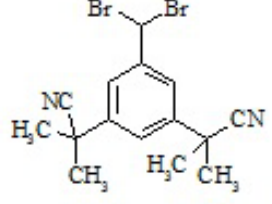
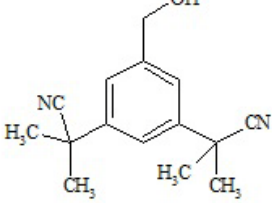
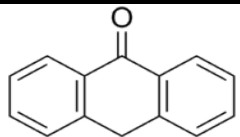
CL15	Alogliptine Benzoate working std.		CAS:850649-62-6 MF:C18H21N5O2 MW:339.39	
CL16	Alogliptine S-Isomer 2-({6-[(3S)-3-aminopiperidin-1-yl]-3-methyl-2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl}methyl)benzonitrile		CAS: MF:C18H21N5O2 MW:339.39	
CL17	Alogliptine -I			
CL18	Alogliptine-II			
CL19	Alogliptine-III			
CL20	(R)-(-)-3-Aminopiperidine Dihydrochloride		CAS:334618-23-4 MF:C5H12N2·2HCl MW: 173.08	
	Amlodipine			
CL21	Amlodipine Impurity 6 N-(2-Hydroxyethyl)phthalimide		CAS: 3891-07-4 MF: C10H9NO3 MW: 191.19	
	Amoxicillin			
CL22	Amoxicillin Impurity I		CAS: 22818-40-2 MF: C8H9NO3 MW: 167.16	
CL23	Amoxicillin Impurity-A 6-Aminopenicillanic acid		MF:C8H12N2O3S MW:216.26	
	Ampicillin			

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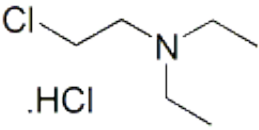
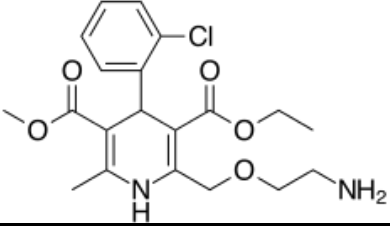
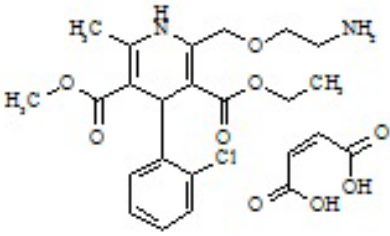
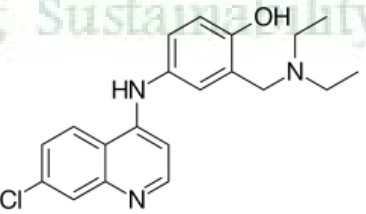
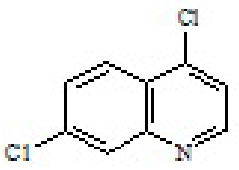
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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL24	Ampicillin Impurity-A 6-Aminopenicillanic acid		CAS: 551-16-6 MF:C8H12N2O3S MW:216.26	
	Anastrozole			
CL25	Anastrozole Working Std.		CAS: 120511-73-1 MF:C17H19N5 MW:293.36	
CL26	Anastrozole Impurity (3-Cyanomethyl-5-methyl-phenylacetonitrile)		CAS:120511-74-2 MF:C11H10N2 MW:170.22	
CL27	Anastrozole EP Impurity C		CAS:120511-84-4 MF:C15H17BrN2 MW:305.22	
CL28	Anastrozole EP Impurity D		CAS: MF: MW:	
CL29	Anastrozole EP Impurity E		CAS: 120511-88-8 MF:C15H18N2O MW:242.32	
	Anthrone			
CL30	Anthrone working Std		CAS:- 90-44-8 MF:- C14H10O	
	Amiodarone			

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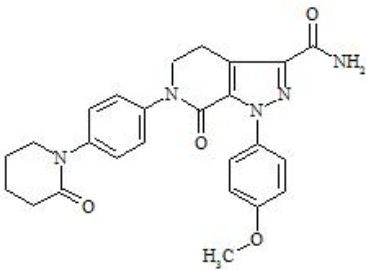
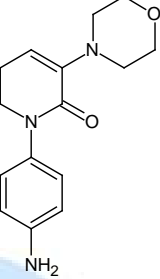
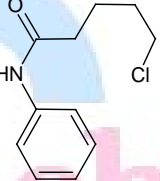
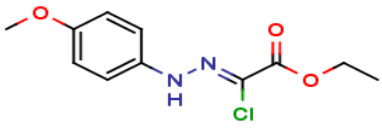
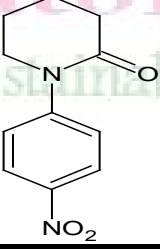
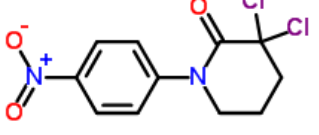
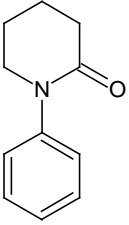
	Amiodarone EP Impurity H Amiodarone USP RC H ; 2-Chloro-N,N-diethylethylamine hydrochloride		CAS:869-24-9 MF:C6H15Cl I2N MF:172.1	
	Amlodipine besylate			
CL31	Amlodipine basylate working std		CAS: 88150-42-9	
	Amlodipine Maleate			
CL32	Amlodipine working std. (<i>RS</i>)-3-ethyl 5-methyl 2-[(2-aminoethoxy)methyl]-4-(2-chlorophenyl)-6-methyl-1,4-dihydropyridine-3,5-dicarboxylate		CAS: 88150-47-4 MF:C ₂₀ H ₂₅ ClN ₂ O ₅ .C ₄ H ₄ O ₄ MW: 408.89 116.07	
	Amodiaquine HCL			
CL33	Amodiaquine HCL working std. USP 4-[(7-chloroquinolin-4-yl)amino]-2-[(diethylamino)methyl]phenol		CAS:46-82-0 MF:C ₂₀ H ₂₂ ClN ₃ O MW:355.86	
CL34	Amodiaquine Impurity 1 4,7-Dichloroquinoline		CAS: 86-98-6 MW:C ₉ H ₅ Cl ₂ N MW: 198.05	
	Apixaban			

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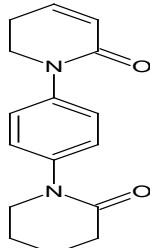
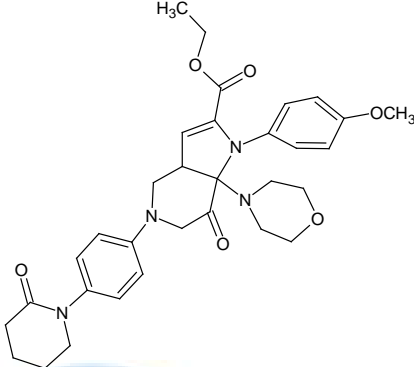

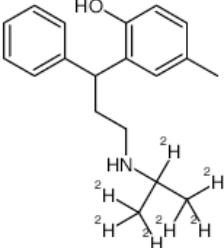
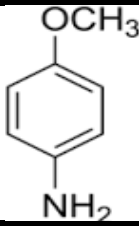
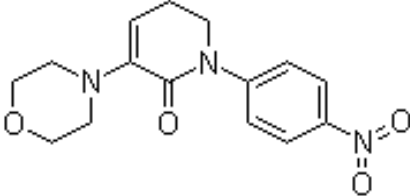
CL35	Apixaban working std. 1-(4-methoxyphenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide		CAS: 503612-47-3 MF: C ₂₅ H ₂₅ N ₅ O ₄ MW: 459.51	
CL36	1-(4-aminophenyl)-3-(morpholin-4-yl)-5,6-dihydropyridin-2(1H)-one Amino morpholine lactum intermediate		CAS: MF: C ₁₅ H ₁₉ N ₃ O ₂ MW:273.33	
CL37	5-chloro-N-phenyl pentanamide (Amide intermediate)		MF:C ₁₁ H ₁₄ Cl NO MW:211.69	
CL38	Ethyl chloro[(4-methoxyphenyl)hydrazono]acetate		CAS:27143-07-3 MF: MW:256.69	
CL39	1-(4-nitrophenyl) piperidin-2-one		MF:C ₁₁ H ₁₂ N ₂ O ₃ MW:220.22	
CL40	3,3-Dichloro-1-(4-nitrophenyl)-2-piperidinone		CAS NO:881386-01-2 MF:C ₁₁ H ₁₀ Cl ₂ N ₂ O ₃ MW:289.11	
CL41	1-phenylpiperidin-2-one		CAS:4789-9-7 MF: C ₁₁ H ₁₃ NO MW:175.22	

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CL42	1-[4-(2-oxopiperidin-1-yl)phenyl]-5,6-dihydropyridin-2(1H)-one		MF:C16H18 N2O2 MW:270.32	
CL43	Apixaban Impurity-1		MF:C32H38 N6O4 MW:574.66	
CL44	Apixaban Impurity-2		MF:C20H26 ClN3O3 MW:391.89	
CL45	N-isopropyl-3-(2-hydroxy-5-methylphenyl)-3-phenylpropylamine		CAS:134660 0-20-1 MF: C19H18D7N O MW:290.45	
CL46	p-Anisidine / p-Anisylamine		CAS-104-94- 9 MF: C7H9NO MW:123.15	
CL47	Apixaban Impurity 5,6-Dihydro-3-(4-morpholinyl)-1-(4-nitrophenyl)-2(1H)-pyridinone		CAS: 503615-03-0 MF:C15H17N 3O4 MW:303.31	

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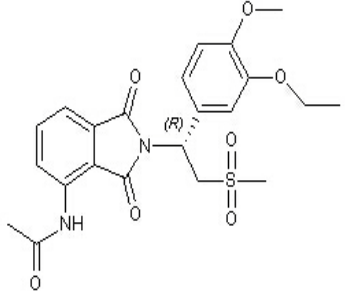
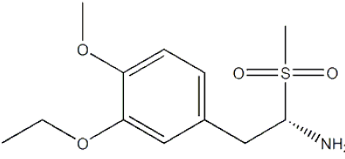
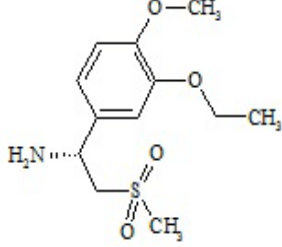
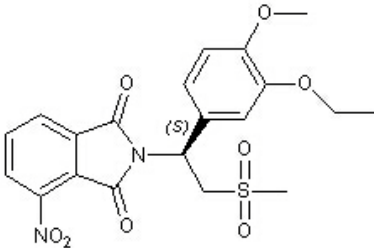
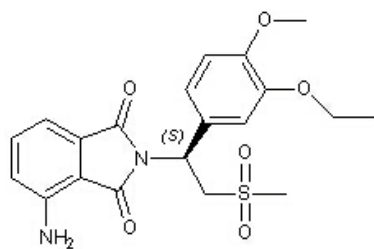
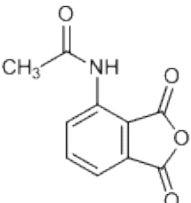
CL48	Apixaban Impurity Ethyl 1-(4-Methoxyphenyl)-6-(4-nitrophenyl)-7-oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate		CAS:536759-91-8 MF:C ₂₂ H ₂₀ N ₄ O ₆ MW:436.42
CL49	Apixaban Impurity- 9 1-(4-Methoxyphenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid ethyl ester		CAS:503614-91-3 MF:C ₂₇ H ₂₈ N ₄ O ₅ MW:488.54
CL50	Apixaban Working Std. 1-(4-Methoxyphenyl)-7-oxo-6-[4-(2-oxopiperidin-1-yl)phenyl]-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylic Acid Amide		CAS:503612-47-3 MF:C ₂₅ H ₂₅ N ₅ O ₄ MW:459.05
CL51	Apixaban Impurity 4-(Phenylmethoxy) benzeneamine HCl; 4-Benzyloxyaniline Hydrochloric Acid Salt;		CAS: 51388-20-6 MF: C ₁₃ H ₁₄ ClNO MW: 235.71
	Apremilast		
CL52	Apremilast Working Std. (S)-N-(2-(1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl)-1,3-dioxoisindolin-4-yl)acetamide; N-[2-[(1R)-1-(3-ethoxy-4-methoxyphenyl)-2-mesyl-ethyl]-		CAS:608141-41-9 MF: C ₂₂ H ₂₄ N ₂ O ₇ S MW: 460.51

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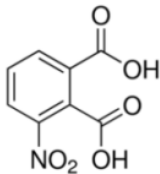
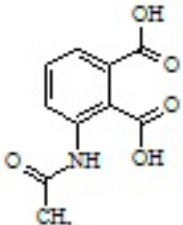
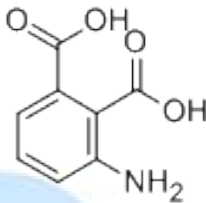
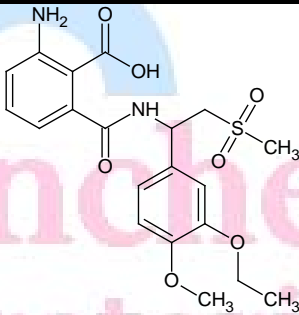

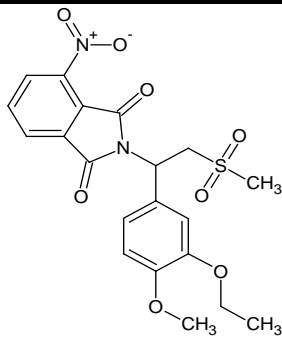
	1,3-diketo-isoindolin-4-yl]acetamide			
CL53	Apremilast Enantiomer (R-Isomer) (R)-N-(2-(1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl)-1,3-dioxoisoindolin-4-yl)acetamide;		MF: C22H24N2O7S MW: 460.51	
CL54	(S)-1-(3-Ethoxy-4-Methoxyphenyl)-2-(Methylsulfonyl)ethanamine		608141-42-0 C12H19NO4S 273.35	
CL55	(R)-1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethanamine			
CL56	Apremilast Impurity Nitro Apremilast (S)-2-(1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl)-4-nitroisoindoline-1,3-dione		CAS: MF:C20H20N2O8S MW:448.45	
CL57	Apremilast Impurity Amino Apremilast (S)-2-(1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl)-4-aminoisoindoline-1,3-dione		CAS: MF: C20H22N2O6S MW:418.45	
CL58	3-Acetamidophthalic Anhydride, 1,3-Dioxo-2-isoindolineaceticacid		CAS:6296-53-3 MF:C10H7NO4 MW:205.17	

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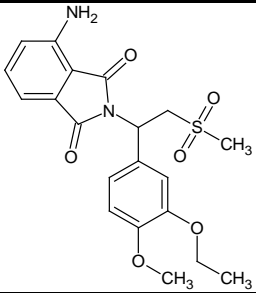
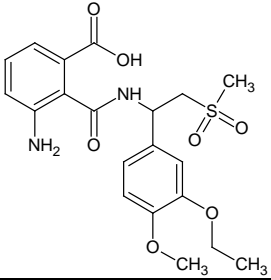
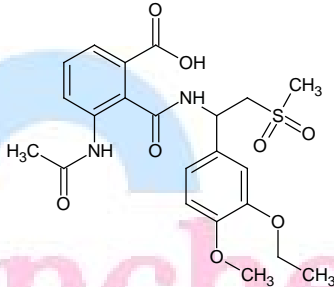

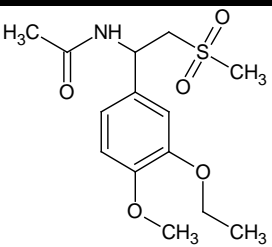
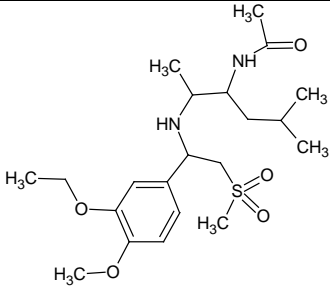
CL59	3-Nitrophthalic Acid		CAS:603-11-2 MF: MW:211.13
CL60	Apremilast Impurity B 3-(acetylamino)benzene-1,2-dicarboxylic acid 3-Acetamidophthalic acid		CAS:15371-06-9 MF:C10H9NO5 MW: 223.19
CL61	Apremilast Impurity G 3-AMINO-1,2-BENZENEDICARBOXYLIC ACID, o-Aminophthalic acid		CAS:5434-20-8 MF: C8H7NO4 MW:181.15
CL62	Apremilast Impurity F		CAS: MF:C20H24N2O7S MW: 436.49
CL63	Apremilast Impurity I		CAS: MF:C22H26N2O8S MW:478.51
CL64	Apremilast Impurity 1		CAS: MF:C22H22N2O8S MW:448.44

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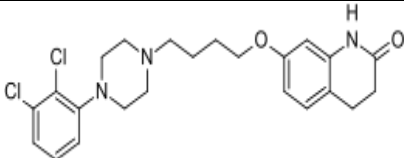
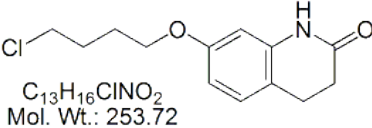
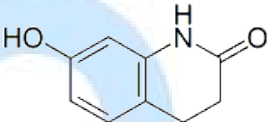
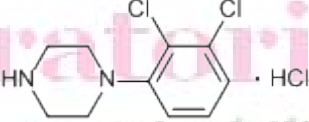
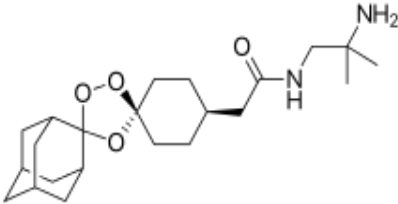
CL65	Apremilast Impurity 2		CAS: MF:C20H22 N2O6S MW:418.46	
CL66	Apremilast Impurity F''		CAS: MF:C20H24 N2O7S MW: 436.49	
CL67	Apremilast Impurity I''		CAS: MF:C22H26 N2O8S MW:478.51	
CL68	Apremilast Impurity 3		CAS: MF:C30H27 N3O9S MW:605.61	
CL69	Apremilast impurity 4 <i>N</i> -[1-(3-ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethyl]acetamide		CAS: MF:C14H21 NO5S MW:315.38	
CL70	Apremilast Impurity 5		CAS: MF:C21H36 N2O5S MW:428.58	

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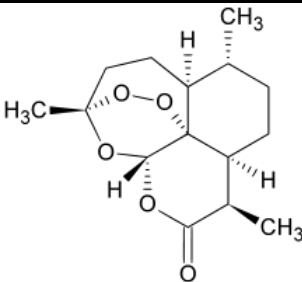
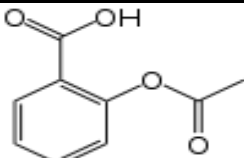
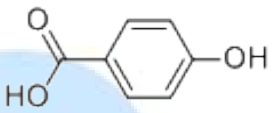
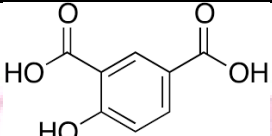
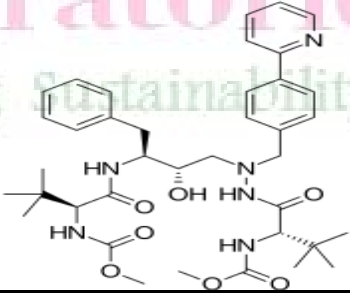
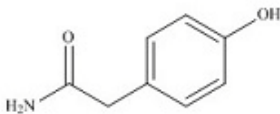
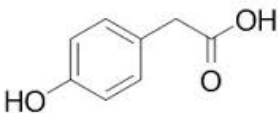
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	Aripiprazole			
CL71	Aripiprazole working std.		CAS:129722-12-9 MF:C ₂₃ H ₂₇ Cl ₂ N ₃ O ₂	
CL72	Aripiprazole EP Impurity E Chlorobutoxy Dihydroquinolinone ; 7-(4-Chloro-butoxy)-3,4-dihydroquinolin-2(2H)-one	 C ₁₃ H ₁₆ ClNO ₂ Mol. Wt.: 253.72	CAS: MF:C13H16BrNO2 MW:253.72	
CL73	Aripiprazole EP Impurity A Aripiprazole Dihydro Quinolinone Impurity (USP) ; 3,4-Dihydro-7-hydroxy-2(1H)-quinolinone ; 7-Hydroxy-3,4-dihydroquinolin-2(1H)-one		CAS:22246-18-0 MF: C9H9NO2 MW:163.17	
CL74	Aripiprazole EP Impurity B 1-(2,3-Dichlorophenyl) piperazine Hydrochloride		CAS: 119532-26-2 MF: C ₁₀ H ₁₂ Cl ₂ N ₂ ·HCl MW: 267.58	
	Arterolane			
CL75	Arterolane Working Std.		CAS :- 664338-39-0 MF:- C ₂₂ H ₃₆ N ₂ O ₄	
	Artemisinin			

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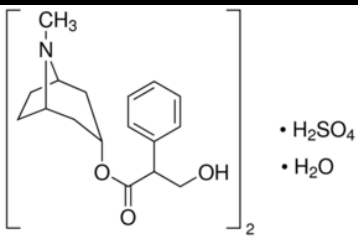
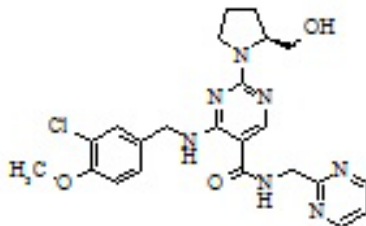
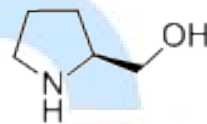
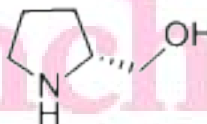
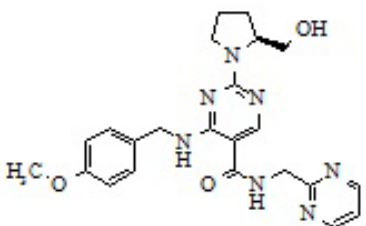
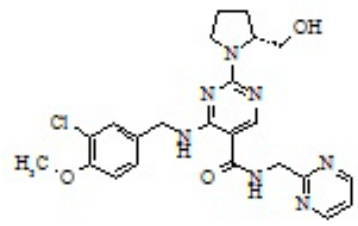
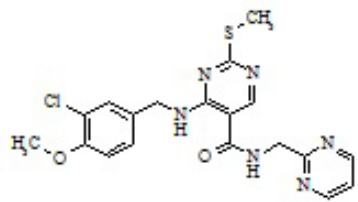
CL76	Artemisininine		CAS: 63968-64-9 MF: C ₁₅ H ₂₂ O ₅ MW: 282.32
	Aspirin		
CL77	Aspirin working std.		CAS: 50-78-2 MF: C ₉ H ₈ O ₄
CL78	Acetylsalicylic Acid Impurity A (Aspirin Impurity A) 4-Hydroxybenzoic acid		CAS: 99-96-7 MF: C ₇ H ₆ O ₃ MW:138.12
CL79	Acetylsalicylic Acid EP Impurity B Aspirin Impurity B		CAS:636-46-4 MF:C ₈ H ₆ O ₅ MW:182.13
	Atazanavir		
CL80	Atazanavir working std.		CAS:198904-31-3 MF:C ₃₈ H ₅₂ N ₆ O ₇
	Atenolol		
CL81	Atenolol EP Impurity A 2-(4-Hydroxyphenyl)acetamide		CAS: 17194-82-0 MF: C ₈ H ₉ NO ₂ MW: 151.17
CL82	Atenolol impurity F 4-Hydroxyphenylacetic acid		CAS:156-38-7 MF: C ₈ H ₈ O ₃ MW:152.15

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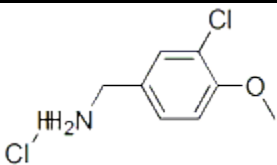
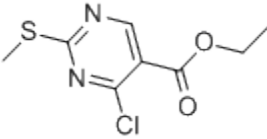
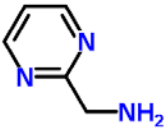
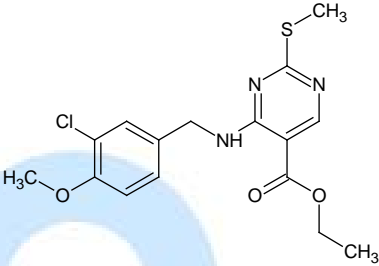


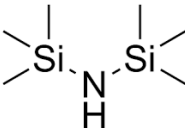
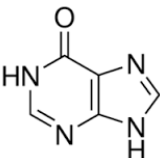
	Atropine sulphate			
CL83	Atropine sulphate working std.		CAS: 5908-99-6 MF: C ₃₄ H ₄₈ N ₂ O ₁₀ S	
	Avanafil			
CL84	Avanafil working std.		CAS: 330784-47-9 MF: C ₂₃ H ₂₆ ClN ₇ O ₃ MW: 483.96	
CL85	L-Prolinol (S)-(+)-2-(Hydroxymethyl)pyrrolidine		CAS: 23356-96-9 C ₅ H ₁₁ NO 101.15	
CL86	D-Prolinol		CAS: 68832-13-3 C ₅ H ₁₁ NO 101.15	
CL87	Des methoxy Impurity			
CL88	Avanafil Impurity-4 Deschloro Impurity		MF: C ₂₃ H ₂₇ N ₇ O ₃ 3 MW: 449.52	
CL89	Avanafil Impurity-8 R- Isomer		MF: C ₂₃ H ₂₆ ClN ₇ O ₃ 703 MW: 483.96	
CL90	Avanafil impurity-2		CAS: MF: C ₁₉ H ₁₉ ClN ₆ O ₂ S 2S MW: 430.92	

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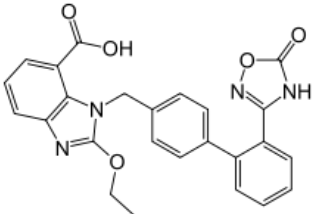
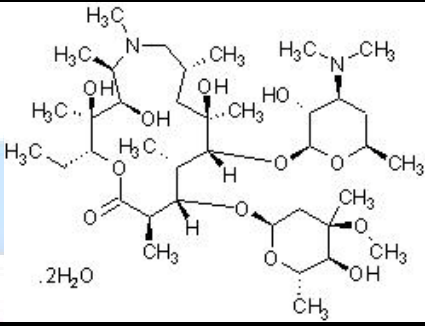
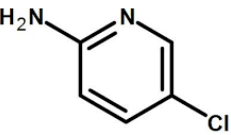
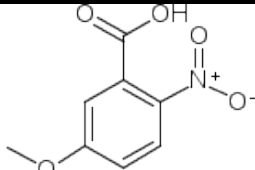
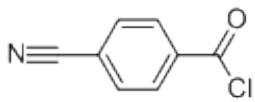
CL91	3-Chloro -4-Methoxy benzylamine HCl		41965-95-1 C ₈ H ₁₁ Cl ₂ N O 208.09	
CL92	Ethyl 4-chloro-2-methylthio-5-pyrimidinecarboxylate		5909-24-0 C ₈ H ₉ ClN ₂ O 2S 232.69	
CL93	2-Aminomethyl pyrimidine HCl		CAS: 372118-67-7 C ₅ H ₇ N ₃ 109.129	
CL94	Ethyl 4((3-chloro-4 methoxybenzyl) amino)-2 (methyl sulfonyl) pyrimidine 5-carboxylate			
CL95	4((3-chloro-4 methoxybenzyl) amino)-2 (methyl sulfonyl) pyrimidine 5-carboxylic acid			
CL96	4((3-chloro-4 methoxybenzyl) amino)-2 (methyl sulfonyl) N-(pyrimidine) -2yl methyl pyrimidine- 5 carboxamide			
	Azacitidine			
CL97	5-Azacitidine Impurity Hexamethyldisilazane		CAS: 999-97-3 MF: C ₆ H ₁₉ NSi ₂ MW: 161.39	
	Azathioprine			
CL98	Azathioprine Impurity F, Didanosine Related compound A Hypoxanthine,		CAS:68-94-0 MF: C ₅ H ₄ N ₄ O MW:136.12	

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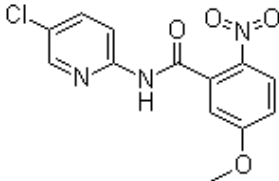
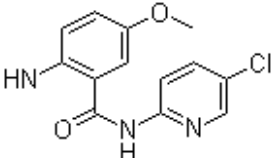
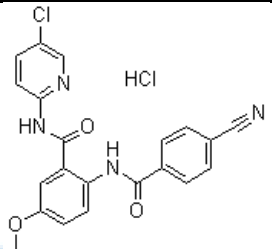
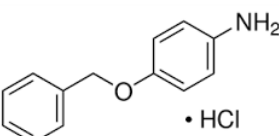
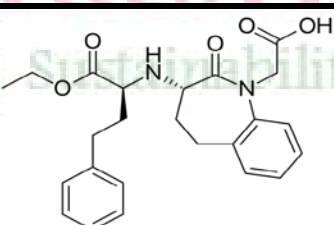
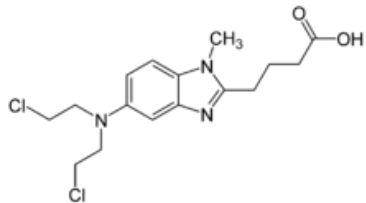
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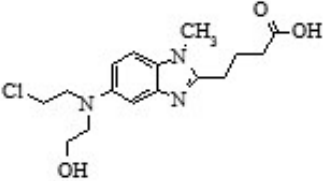
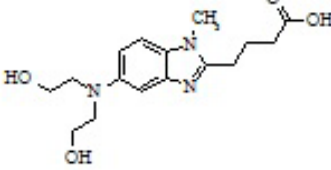
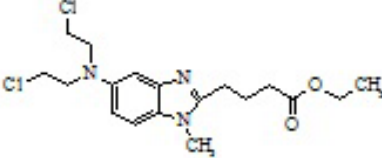
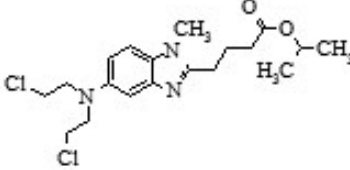
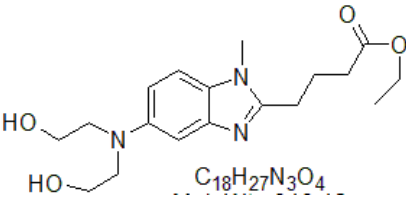
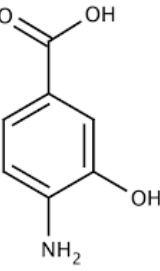
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	1,7-Dihydro-6H-purin-6-one			
	Azilsertan			
CL99	Azilsertan working std.		CAS:147403-03-0 MF: C ₂₅ H ₂₀ N ₄ O ₅ MW:456.46	
	Azithromycin dihydrate			
CL100	Azithromycin dihydrate working std.		CAS :117772-70-0 MF:C ₃₈ H ₇₂ N ₂ O ₁₂₂ .H ₂ O	
	Barnidipine			
CL101	Alkylated hydroxyl sulphonamide impurity			
	Batrixaban			
CL102	Batrixaban KRM 2-Amino-5-chloropyridine		CAS: 1072-98-6 MF:C ₅ H ₅ ClN ₂ MW:128.56	
CL103	Batrixaban KRM 5-Methoxy-2-nitrobenzoic acid		CAS:1882-69-5 MF:C ₈ H ₇ N ₂ O ₅ MW:197.14	
CL104	Batrixaban KRM 4-Cyanobenzoyl chloride		CAS:6068-72-0 MF:C ₈ H ₄ ClNO MW:165.58	

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Impurity, Working standards and Metabolites

CL105	Batrixaban Stage-I N-(5-Chloro-2-pyridinyl)-5-methoxy-2-nitrobenzamide		CAS: 280773-16-2 MF:C ₁₃ H ₁₀ C IN ₃ O ₄ MW:307.69	
CL106	Batrixaban Stage-II 2-Amino-N-(5-chloro-2-pyridinyl)-5-methoxybenzamide		CAS:280773-17-3 MF:C ₁₃ H ₁₂ C IN ₃ O ₂ MW:277.71	
CL107	Batrixaban Stage-III. N-(5-Chloro-2-pyridinyl)-2-[(4-cyanobenzoyl)amino]-5-methoxybenzamide hydrochloride		CAS: 936539-81-0 MF:C ₂₁ H ₁₅ C IN ₄ O ₃ HCl MW:443.37	
	Bazedoxifene			
CL108	Bazedoxifene Impurity 4-(Phenylmethoxy) benzeneamine HCl; 4-Benzyloxyaniline Hydrochloric Acid Salt;		CAS: 51388-20-6 MF: C ₁₃ H ₁₄ CINO MW: 235.71	
	Benazepril			
CL109	Benazepril working std.		CAS:86541-75-5 MF:C ₂₄ H ₂₈ N ₂ O ₅	
	Bendamustine HCl			
CL110	Bendamustine working std. 4-[5-[Bis(2-chloroethyl)amino]-1-methylbenzimidazol-2-yl]butanoic acid		CAS:16506-27-7 MF:C ₁₆ H ₂₁ Cl ₂ N ₃ O ₂ MW:358.40	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

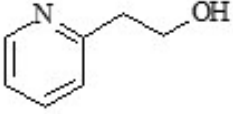
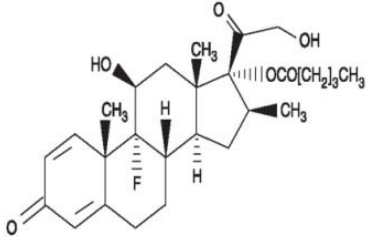
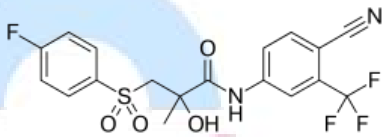
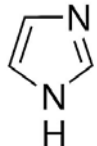
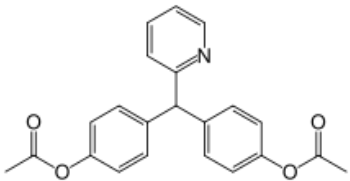
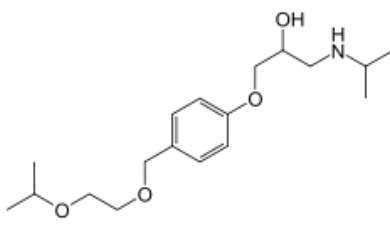
CL111	Bendamustine Impurity HP1 Bendamustine Impurity A		CAS: 10988 2-27-1 C ₁₆ H ₂₂ ClN 303 M.W. 3 39.83	
CL112	Bendamustine Impurity HP2 Bendamustine Dihydroxy Impurity		CAS:109882 -30-6 C ₁₆ H ₂₃ N ₃ O 4 M.W. 321. 38	
CL113	Bendamustine Methyl ester Impurity			
CL114	Bendamustine Related Impurity 11		CAS: 87475- 54-5 C ₁₈ H ₂₅ Cl ₂ N ₃ O ₂ M.W. 386.32	
CL115	Bendamustine Impurity C		CAS :1313020-25- 5 C ₁₉ H ₂₇ Cl ₂ N ₃ O ₂ M.W. 400.35	
CL116	Bendamustine Related Impurity 1 4-(5-(Bis(2-hydroxyethyl)amino)-1-methyl-1H-benzo[d]imidazol-2-yl)butanoic acid ethyl ester		CAS:3543- 74-6 MF:C ₁₈ H ₂₇ N ₃ O ₄ MW:349.43	
CL117				
CL118	Benoxinate			
CL119	Benoxinate Impurity 4-Amino-3-hydroxybenzoic Acid, 3-Hydroxy-p-aminobenzoic Acid		CAS: 2374- 03-0 MF: C ₇ H ₇ NO ₃ MW: 153.14	
	Betahistine			

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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

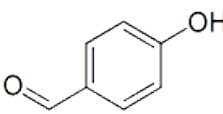
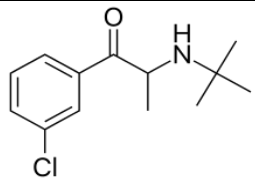
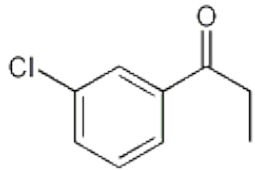
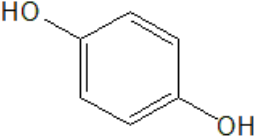
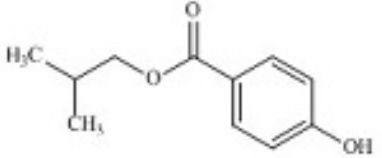
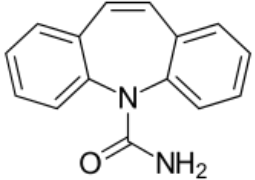
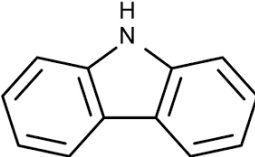
CL120	Betahistine Impurity B (2-(2-Hydroxyethyl)pyridine)		CAS: 103-74-2 MF: C7H9NO MW: 123.16	
	Betamethasone valerate			
CL121	Betamethasone valerate workig Std.		CAS:-2152-44-5 MF: C ₂₇ H ₃₇ F ₆ O ₆	
	Bicalutamide			
CL122	Bicalutamide working std.		CAS: 90357-06-5 MF: C ₁₈ H ₁₄ F ₄ N ₂ O ₄ S	
	Bifonazole			
CL123	Bifonazole Impurity C Imidazole		CAS:288-32-4 MF: C ₃ H ₄ N ₂ MW:68.08	
	Bisacodyl			
CL124	Bisacodyl working std.		CAS: 603-50-9 MF: C ₂₂ H ₁₉ NO ₄	
	Bisoprolol Fumarate			
CL125	Bisoprolol Fumarate working std. (<i>RS</i>)-1-{4-[(2-isopropoxyethoxy)methyl]phenoxy}-3-(isopropylamino)propan-2-ol		CAS:66722-44-9 MF: C ₁₈ H ₃₁ NO ₄ MW:325.44	

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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

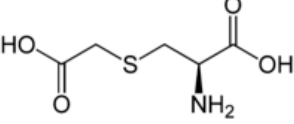
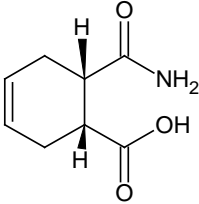
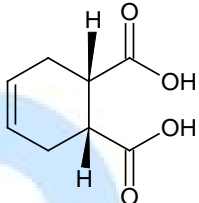

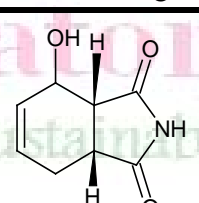
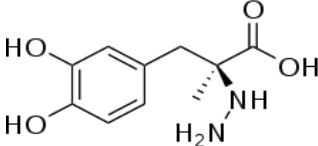
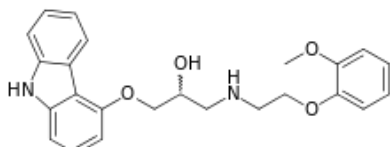
CL126	Bisoprolol Fumarate Impurity S 4-Hydroxybenzaldehyde		CAS:123-08-0 Mf:C ₇ H ₆ O ₂ MW:122.12	
	Bupropion			
CL127	Bupropion working std.		CAS:34911-55-2 MF:C ₁₃ H ₁₈ Cl NO	
CL128	Bupropion Des-t-Butylamino Impurity 3'-Chloropropiophenone		CAS:34841-35-5 MF:C ₉ H ₉ Cl O MW:168.62	
CL129				
CL130	Butylhydroxyanisole			
CL131	Butylhydroxyanisole Impurity A 1,4-Dihydroxybenzene		CAS:123-31-9 MF: C ₆ H ₆ O ₂ MW:110.11	
	Butylparaben			
CL132	Butylparaben Impurity E Isobutyl Paraben		CAS: 4247-02-3 MF: C ₁₁ H ₁₄ O MW: 194.23	
	Carbamazepine			
CL133	Carbamazepine working std.		CAS:298-46-4 MF:C ₁₅ H ₁₂ N ₂ O	
	Carbazole			
CL134	Carbazole working std.		CAS:86-74-8 MF:-C ₁₂ H ₉ N	

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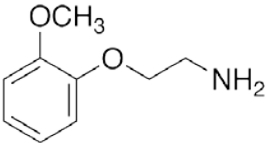
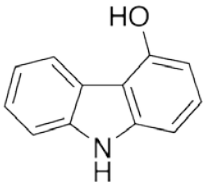
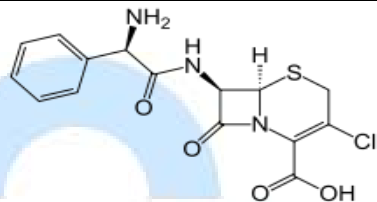

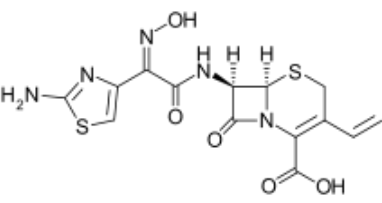
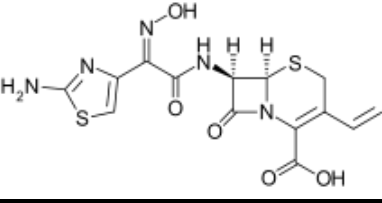
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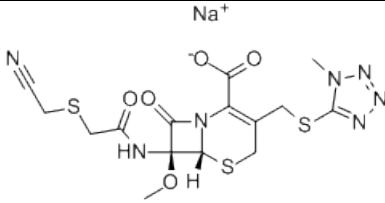
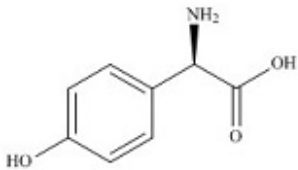
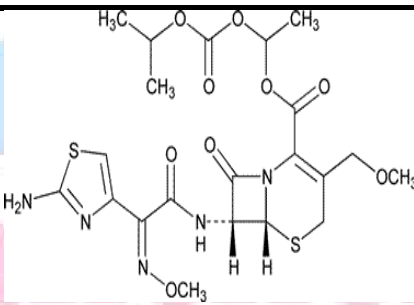
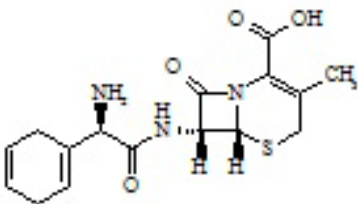
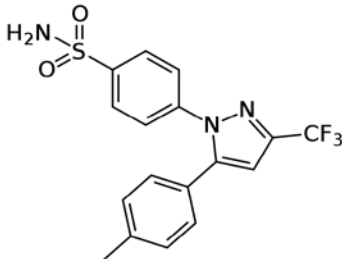
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Carbocisteine			
CL135	Carbocisteine working std.		CAS: 638-23-3 MF: C5H9NO4S	
	Captan Metabolites			
CL136	THPAM (1 <i>R</i> ,6 <i>S</i>)-6-carbamoylcyclohex-3-ene-1-carboxylic acid			
CL137	THPAI (1 <i>R</i> ,2 <i>S</i>)-cyclohex-4-ene-1,2-dicarboxylic acid			
CL138	THPI (3 <i>aR</i> ,7 <i>aS</i>)-3 <i>a</i> ,4,7,7 <i>a</i> -tetrahydro-1 <i>H</i> -isoindole-1,3(2 <i>H</i>)-dione			
CL139	3-OH THPI (3 <i>aR</i> ,7 <i>aR</i>)-4-hydroxy-3 <i>a</i> ,4,7,7 <i>a</i> -tetrahydro-1 <i>H</i> -isoindole-1,3(2 <i>H</i>)-dione			
	Carbidopa			
CL140	Carbidopa Working Std.BP/EP		CAS : 28860-95-9 MF: C ₁₀ H ₁₄ N ₂ O ₄	
	Carvedilol			
CL141	Carvedilol working std.		CAS:72956-09-3 MF:C ₂₄ H ₂₆ N ₂ O ₄	

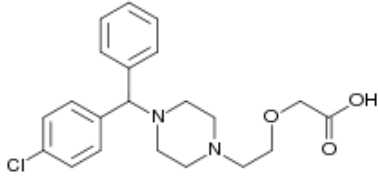
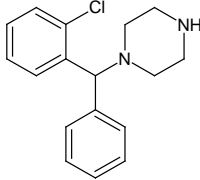
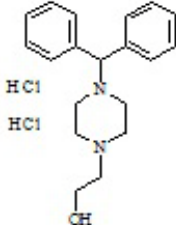
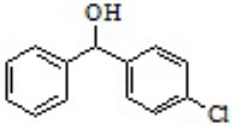
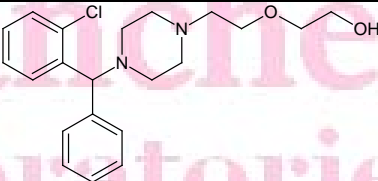

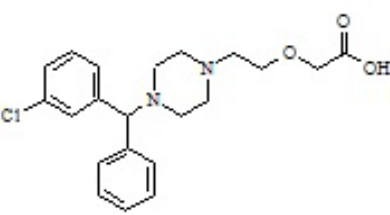
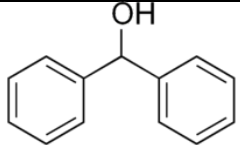
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL142	Carvedilol Impurity E, Carvedilol Related compound E 2-(2-Methoxyphenoxy)ethyl amine HCl		CAS: 64464-07-9 MF: C ₉ H ₁₄ ClNO ₂ MW:203.67	
CL143	Carvedilol 4-Hydroxycarbazole Impurity 9H-Carbazol-4-ol; 4-Carbazolol ; 4-Hydroxy-9H-carbazole		CAS: 52602-39-8 MF: C ₁₂ H ₉ NO MW:183.21	
	Cefaclor			
CL144	Cefaclor Working std. EP+ USP		CAS:53994-73-3 MF:C ₁₅ H ₁₄ ClN ₃ O ₄ S	
	Cefazoline sodium			
CL145	Cefazoline sodium working Std		CAS : 27164-46-1 MF:C ₁₄ H ₁₃ N ₈ NaO ₄ S ₃	
	Cefdinir			
CL146	Cefdinir working std.		CAS: 91832-40-5 MF: C ₁₄ H ₁₃ N ₅ O ₅ S ₂	
CL147	Cefdinir USP		CAS: 91832-40-5 MF: C ₁₄ H ₁₃ N ₅ O ₅ S ₂	

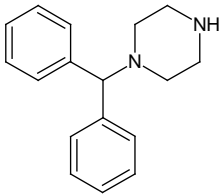
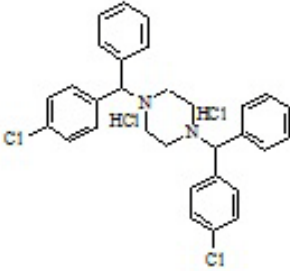
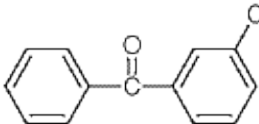
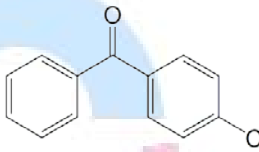
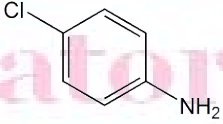
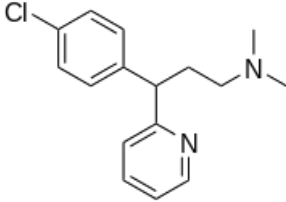
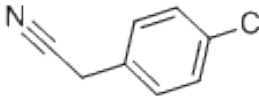
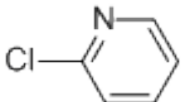
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Cefmetazole sodium			
CL148	Cefmetazole sodium working std.		CAS :56796-39-5 MF:C ₁₅ H ₁₆ N ₇ NaO ₅ S ₃	
	Cefoperazone			
CL149	Cefoperazone Impurity 3 4-Hydroxy-D-(-)-2-phenylglycine		CAS: 22818-40-2 MF: C ₈ H ₉ NO ₃ MW: 167.16	
	Cefpodoxime proxetil			
CL150	Cefpodoxime proxetil working std.		CAS :87239-81-4 MF:C ₂₁ H ₂₇ N ₅ O ₉ S ₂	
	Cefradine			
CL151	Cefradine Working Std.		CAS :38821-53-3 MF:C ₁₆ H ₁₉ NO ₄ S	
	Celecoxib			
CL152	Celecoxib working std.		CAS:169590-42-5 MF:C ₁₇ H ₁₄ F ₃ N ₃ O ₂ S	
	Cetirizine			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL153	Cetirizine HCl (±)-[2-[4-[(4-chlorophenyl)phenylmethyl]-1-piperazinyl]ethoxy]acetic acid			
CL154	Cetirizine Impurity-2-Chloro BHP 1-[(2-chlorophenyl)(phenyl)methyl]piperazine		MF: C ₁₇ H ₁₉ ClN ₂ MW: 286.80	
CL155	Deschloro Cetrizine ethanol		CAS:108983-83-1 MF: C ₁₉ H ₂₄ N ₂ O 2HCl MW: 296.42 2x36.46	
CL156	4-Chloro Benzhydrol		MF: C ₁₃ H ₁₁ ClO MW: 218.69	
CL157	Ethoxy Cetirizine. HCl		MF: C ₂₁ H ₂₇ ClN ₂ O ₂ MW: 374.90	
CL158	3-Chloro BHP 1-[(3-chlorophenyl)(phenyl)methyl]piperazine		MF: C ₁₇ H ₁₉ ClN ₂ MW: 286.80	
CL159	Cetirizine 3-chloro Impurity . HCl		MF: C ₂₁ H ₂₅ ClN ₂ O ₃ MW: 388.90	
CL160	Benzhydrol		CAS:91-01-0 MF: C ₁₃ H ₁₂ O MW:184.23	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

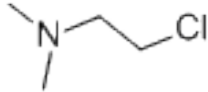
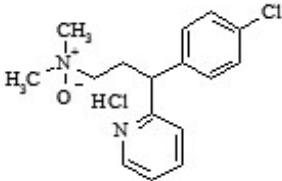
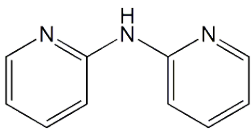
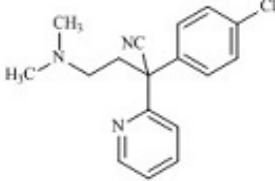
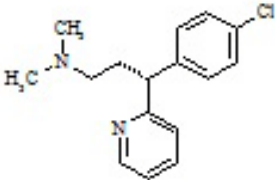
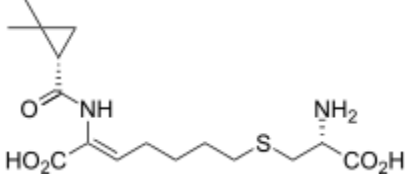
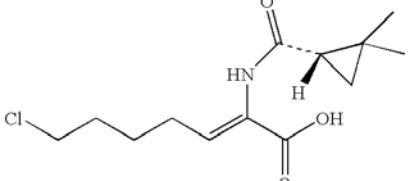
CL161	Benzhydrylpiperazine (BHP) 1-(Diphenylmethyl) Piperazine		341-77-0 C ₁₇ H ₁₉ N 252.35	
CL162	Cetirizine Impurity -D Cetirizine Dimer 1,4-BIS((4-CHLOROPHENYL)PHENYLMETHYL)PIPERAZINE		CAS: 856841-95-7 M.F.: C ₃₀ H ₂₈ Cl ₂ N ₂ . 2 HCl MW: 487.48 236.46	
CL163	3-Chlorobenzophenone		1016-78-0 C ₁₃ H ₉ ClO 216.66	
CL164	Cetirizine 4-Chlorobenzophenone Impurity (USP) (4-Chlorophenyl)phenylmethanone		34-85-0 C ₁₃ H ₉ ClO 216.66	
	Chlorhexidine			
CL165	Chlorhexidine Digluconate EP Impurity P 4-Chloroaniline HCl		CAS:106-47-8 MF:C ₆ H ₆ Cl N. HCl MW: 127.57	
	Chlorpheniramine			
CL166	Chlorpheniramine maleate working std.		CAS:113-92-8 MF: C ₁₆ H ₁₉ ClN ₂	
CL167	Chlorpheniramine Maleate KRM 4-Chlorobenzyl cyanide		CAS:140-53-4 MF:C ₈ H ₆ Cl N MW:151.57	
CL168	Chlorpheniramine Maleate KRM 2-Chloro Pyridine.		CAS: 109-09-1 MF: MW:113.56	

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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

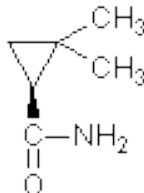
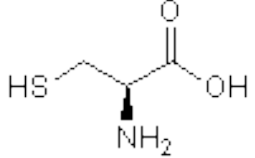
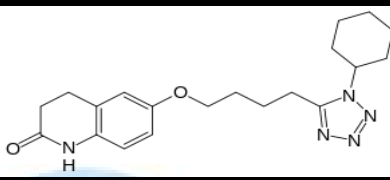
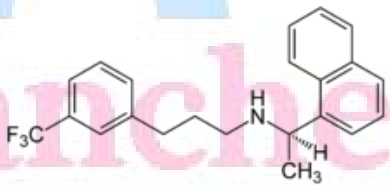
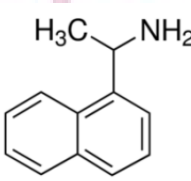
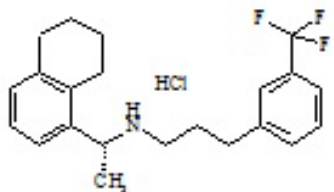
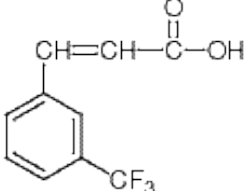
CL169	Chlorpheniramine Maleate KRM 2-Dimethylaminoethyl chloride hydrochloride		CAS: 4584-46-7 MF: C ₄ H ₁₁ Cl I2N MW: 144.04	
CL170	Chlorpheniramine N-Oxide Impurity		CAS: 120244-82-8 MF: C ₁₆ H ₁₉ ClN ₂ O MW: 290.80	
CL171	Chlorphenamine Impurity B Chlorphenamine Related compound C 2,2'-Dipyridylamine		CAS: 1202-34-2 MF: C ₁₀ H ₉ N ₃ MW: 171.20	
CL172	Chlorpheniramine Impurity D Chlorphenamine Impurity D (Chlorpheniramine Nitrile)		CAS: 65676-21-3 MF: C ₁₇ H ₁₈ ClN ₃ MW: 299.80	
CL173	Dexchlorpheniramine Maleate EP Impurity B ((R)-Clorphenamine)		CAS: 2188-09-3 MF: C ₁₆ H ₁₉ ClN 2 MW: 274.80	
	Cilastatin			
CL174	Cilastatin Sodium working std. (Z)-7-[(2R)-2-Amino-3-hydroxy-3-oxopropyl] sulfanyl-2-[[[(1S)-2,2-dimethylcyclopropanecarbonyl]amino]hept-2-enoic acid		CAS: 82009-34-5 MF: C ₁₆ H ₂₆ N ₂ O ₅ S MW: 358.46	
CL175	Cilastatin Impurity- (Z)-7-chloro-((S)-2,2-dimethylcyclopropanecarboxamido)-2-heptenoic acid		CAS: 877674-77-6 MF: C ₁₃ H ₂₀ ClN O ₃ MW: 273.11	

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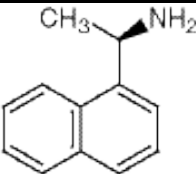
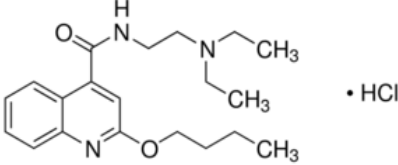
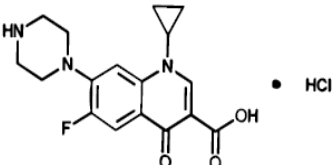
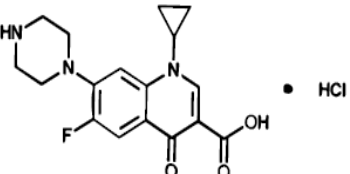
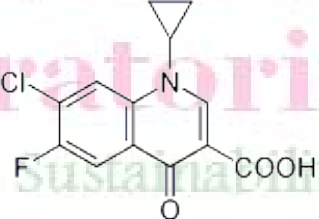
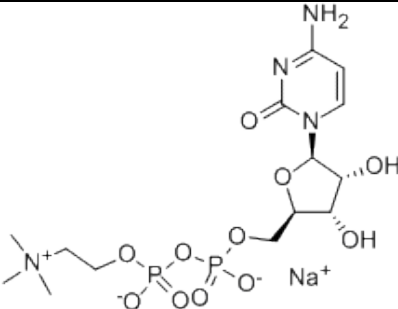
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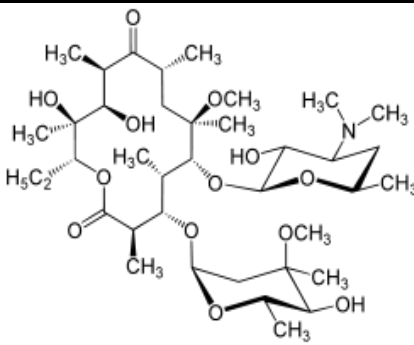
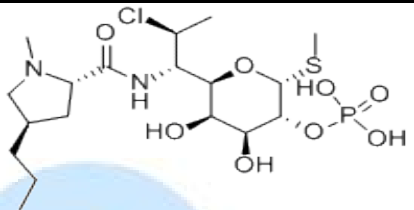
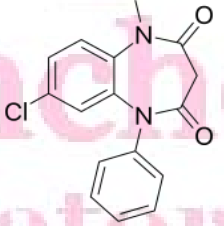
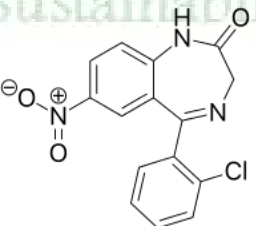
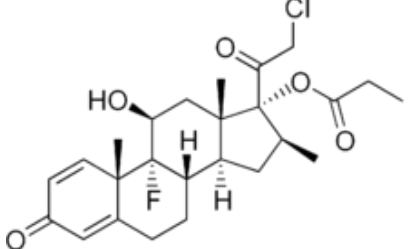
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL176	Cilastatin Impurity (S)-(+)-2,2-Dimethyl cyclopropanecarboxamide		CAS: 75885-58-4 MF: C ₆ H ₁₁ NO MW:113.16	
CL177	L-Cysteine		CAS:52-90-4 MF: C ₃ H ₇ NO ₂ S MW:121.15	
	Cilastazol			
CL178	Cilastazol working std.		CAS:73963-72-1 MF:C ₂₀ H ₂₇ N ₅ O ₂	
	Cinacalcet			
CL179	Cinacalcet R-isomer (R)-N-[1-(1-naphthyl)ethyl]-3-[3-(trifluoromethyl)phenyl]propan-1-amine		CAS:364782-34-3 MF:C ₂₂ H ₂₂ F ₃ N. HCl MW: 357.4136.5	
CL180	Cinacalcet Impurity-D R,S (±) 1-(1-Naphthyl)ethylamine. Tartarate salt		CAS:42882-31-5 MF: C ₁₂ H ₁₃ N MW:361.45	
CL181	Tetrahydro Cinacalcet Impurity (S-Isomer)		CAS: MF:C ₂₂ H ₂₆ F ₃ N MW:361.45	
CL182	3-(Trifluoromethyl) cinnamic acid		CAS: MF: C ₁₀ H ₇ F ₃ O ₂ MW:216.16	

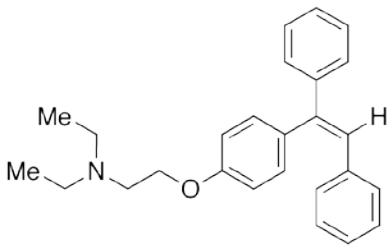
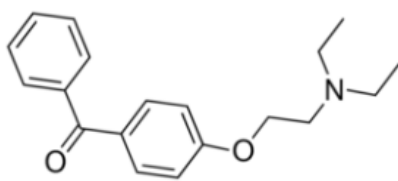
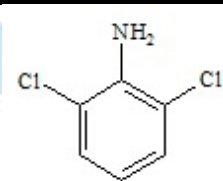
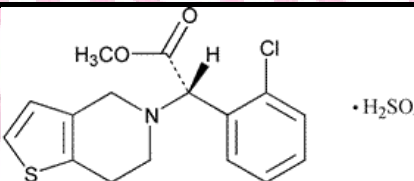
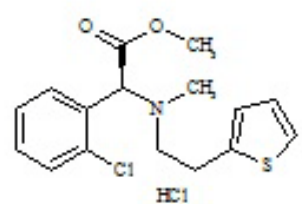
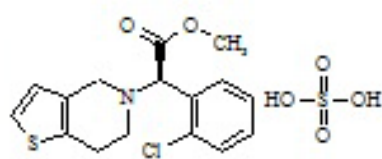
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL183	(R)-(+)-1-(1-Naphthyl) ethylamine		CAS: 3886-70-2 MF:C ₁₂ H ₁₃ N MW:171.24	
CL184				
CL185	Cinchocaine HCl			
CL186	Cinchocaine HCl working std +BP		CAS : 61-12-1 MF:C ₂₀ H ₃₀ ClN ₃ O ₂	
	Ciprofloxacin HCl			
CL187	Ciprofloxacin HCl Working Std IP		CAS:-86393-32-0 MF:C ₁₇ H ₂₁ ClFN ₃ O ₄	
CL188	Ciprofloxacin HCl IP+USP		CAS :86483-48-9 MF:C ₁₇ H ₁₉ ClFN ₃ O ₃	
CL189	Ciprofloxacin Impurity A Fluoroquinolonic Acid		CAS:86393-33-1 MF:C ₁₃ H ₉ ClFN ₃ O ₃ MW:281.67	
	Citicoline Sodium			
CL190	Citicoline Sodium working std.		CAS:33818-15-4 MF:C ₁₄ H ₂₅ N ₄ O ₁₁ P ₂	
	Clarithromycin			

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CL191	Clarithromycin working std.		CAS:81103-11-9 MF:C ₃₈ H ₆₉ N ₁₃ O ₁₃	
	Clindamycin phosphate			
CL192	Clindamycin phosphate USP		CAS :24729-96-2 MF:C ₁₈ H ₃₄ CIN ₂ O ₈ PS	
	Clobazam			
CL193	Clobazam working std.		CAS:22316-47-8 MF:C ₁₆ H ₁₃ ClN ₂ O ₂	
	Clonazepam			
CL194	Clonazepam working std.		CAS:1622-61-3 MF:C ₁₅ H ₁₀ ClN ₃ O ₃	
	Clobetasol			
CL195	Clobetasol working std.		CAS: 25122-46-7 MF: C ₂₅ H ₃₂ ClFO ₅	
	Clomiphene Citrate			

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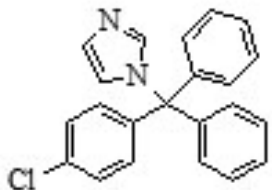
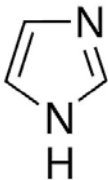
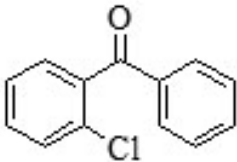
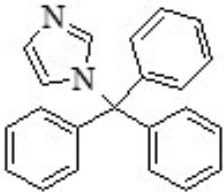
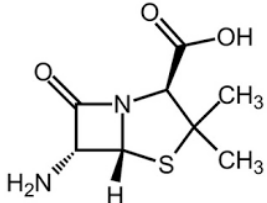
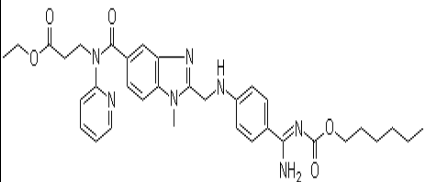
CL196	Clomiphene Impurity-A Deschloro Clomiphene : 2-[4-(1,2-diphenylethenyl)phenoxy]-N,N-diethylethanamine		CAS:134660 6-17-4 MF: C ₂₆ H ₂₄ D ₅ N O	
CL197	Clomiphene Citrate Impurity-B [4-[2-(diethylamino)ethoxy]phenyl]phenylmethanone		CAS:51777-15-2 MF:C ₁₇ H ₁₉ N O ₂ MW: 269.34	
	Clonidine			
CL198	Clonidine Impurity C (2,6-Dichloroaniline)		CAS: 608-31-1 MF: C ₆ H ₅ Cl ₂ N MW: 162.02	
	Clopidogrel			
CL199	Clopidogrel Bisulfate working std.		CAS: MF:C ₁₆ H ₁₆ Cl NO ₂ S	
CL200	Clopidogrel Impurity-I N-methyl Impurity			
CL201	Clopidogrel adduct Impurity			
CL202	Clopidogrel Impurity-C (R-Clopidogrel)		CAS:120202-71-3 MF: C ₁₆ H ₁₆ ClN O ₂ S H ₂ O ₄ S MW: 321.83 98.08	
	Clotrimazole			

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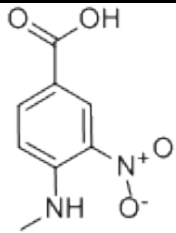
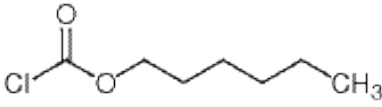
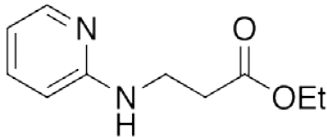
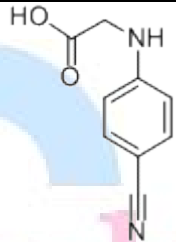
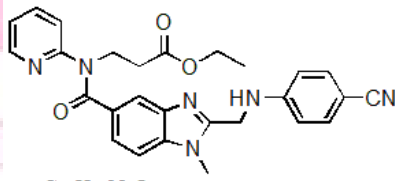
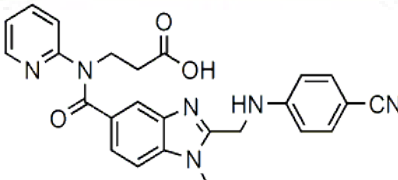
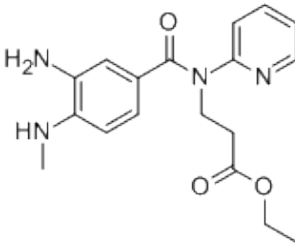
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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL203	Clotrimazole Impurity-B 1[(4-chlorophenyl) diphenylmethyl]-1H-imidazole		CAS:23593-71-7 M.F.: C22H17ClN2 M.W.: 344.85	
CL204	Clotrimazole Impurity D Imidazole		CAS:288-32-4 MF: C3H4N2 MW:68.08	
CL205	Clotrimazole Impurity-E (2-Chlorophenyl) phenylmethanone		CAS:5162-03-8 M.F.: C13H9ClO M.W.: 216.67	
CL206	Clotrimazole Impurity-F 1-(triphenylmethyl)-1H-imidazole / Deschloroclotrimazole		CAS:15469-97-3 M.F.: C22H18N2 M.W.: 310.40	
	Cloxacillin			
CL207	Cloxacillin Impurity C 6-Aminopenicillanic acid		CAS: 551-16-6 MF:C8H12N2O3S MW:216.26	
	Dabigatran			
CL208	Dabigatran Etexylate working std. ethyl 3-[[[2-[[4-[(E)-N'-hexoxycarbonylcarbami midoyl]anilino]methyl]-1-methylbenzimidazole-5-carbonyl]-pyridin-2-ylamino]propanoate		CAS:.211915-06-9 MF: C34H41N7O5 MW: 627.73	
CL209	Dabigatran aldehyde Impurity			

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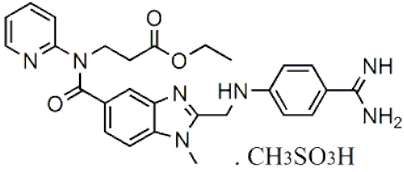
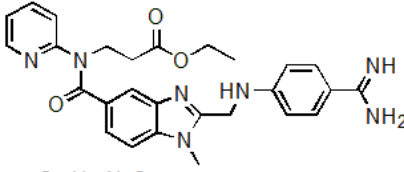
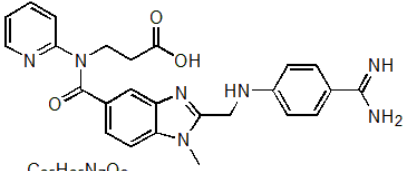
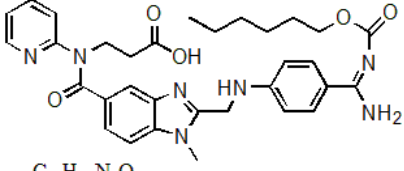
CL210	4-(METHYLAMINO)-3-NITROBENZOIC ACID		CAS: 41263-74-5 MF: C ₈ H ₈ N ₂ O ₄ MW: 196.16	
CL211	Hexyl Chloroformate		CAS: 6092-54-2 MF: C ₇ H ₁₃ ClO ₂ MW: 164.63	
CL212	Ethyl 3-(pyridin-2-ylamino)propanoate		CAS: 103041-38-9 MF: C ₁₀ H ₁₄ N ₂ O ₂ MW: 194.24	
CL213	2-[(4-cyanophenyl)amino]acetic acid		CAS: 42288-26-6 MF: C ₉ H ₈ N ₂ O ₂ MW: 176.17	
CL214	Dabigatran Cyano Ester Impurity Ethyl 3-[[[2-[[[4-Cyano phenyl) amino] methyl]-1-methyl-1H-benzimidazol-5-yl] carbonyl]pyridine -2-yl] aminopropionate	 C ₂₇ H ₂₆ N ₆ O ₃ Mol. Wt.: 482.53	CAS: 211915-84-3 MF: C ₂₇ H ₂₆ N ₆ O ₃ MW: 482.53	
CL215	Dabigatran Cyano Acid Impurity 3-({2-[(4-Cyanophenyl amino)-methyl]-1-methyl-1H-benzimidazole-5-carbonyl}-pyridin-2-yl-amino)-propionic acid	 C ₂₅ H ₂₂ N ₆ O ₃ Mol. Wt.: 454.48	CAS: 212322-77-5 MF: C ₂₅ H ₂₂ N ₆ O ₃ MW: 454.48	
CL216	Dabigtran Methylamino impurity 3-[(3-amino-4-methylamino-benzoyl)-pyridin-2-yl-amino]-propionic acid ethyl ester		CAS: 212322-56-0 MF: C ₁₈ H ₂₂ N ₄ O ₃ MW: 342.39	

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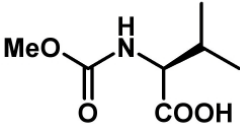
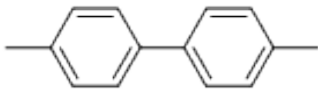
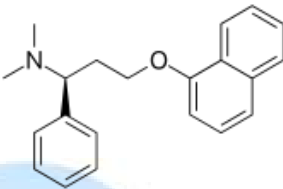

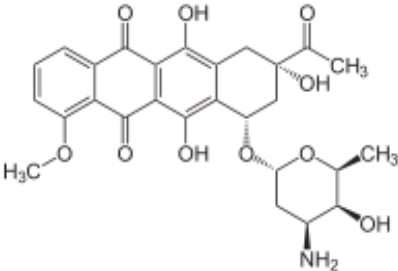
CL217	Dabigatran Amidine mesylate Impurity 3-({2-[(4-Carbamimidoyl-phenylamino)-methyl]-1-methyl-1H-benzimidazole-5-carbonyl}-pyridin-2-yl-amino)-propionic acid ethyl ester	 $C_{28}H_{33}N_7O_6S$ Mol. Wt.: 595.67	CAS:429658-95-7 MF:C28H33N7O6S MW:595.67	
CL218	Dabigatran Amidine Impurity 3-({2-[(4-Carbamimidoyl-phenylamino)-methyl]-1-methyl-1H-benzimidazole-5-carbonyl}-pyridin-2-yl-amino)-propionic acid ethyl ester	 $C_{27}H_{29}N_7O_3$ Mol. Wt.: 499.56	CAS:429658-95-7 MF:C27H29N7O3 MW:499.56	
CL219	Dabigatran Amidine acid impurity 3-({2-[(4-Carbamimidoyl-phenylamino)-methyl]-1-methyl-1H-benzimidazole-5-carbonyl}-pyridin-2-yl-amino)-propionic acid	 $C_{25}H_{25}N_7O_3$ Mol. Wt.: 471.51	CAS:211914-51-1 MF:C25H25N7O3 MW:471.51	
CL220	Dabigatran Acid Impurity, O-Desethyl Dabigatran Etexilate 3-[[2-[(4-[N?-Hexyloxycarbonyl carbamimidoyl]phenyl)amino]methyl]-1-methyl-1H-benzimidazol-5-yl]carbonyl]-pyridin-2-yl-amino)propanoic acid	 $C_{32}H_{37}N_7O_5$ Mol. Wt.: 599.68	CAS:212321-78-3 MF:C32H37N7O5 MW:599.68	
	Daclastavir			

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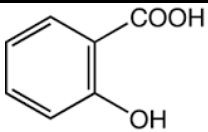
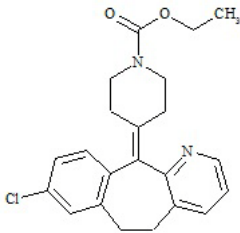
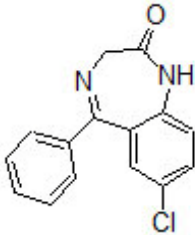
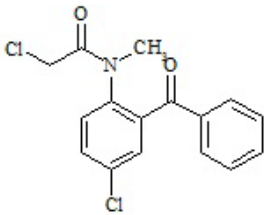
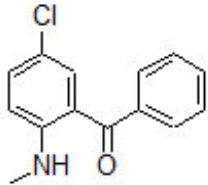
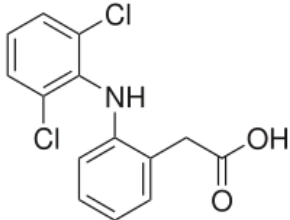
CL221	Daclastavir KRM. Moc-Valine-OH N-Methoxycarbonyl-L-valine		CAS: 74761-47-5 MF: C ₇ H ₁₃ N O ₄ MW: 175.2	
CL222	Daclastavir KRM 4,4'-Dimethylbiphenyl, 4,4'-Diacetylbiphenyl 1-methyl-4-(4-methylphenyl)benzene		CAS: 613-33-2 MF: C ₁₄ H ₁₄ MW: 182.26	
	Dapoxetine			
CL223	Dapoxetine working std.		CAS: 119356-77-3 MF: C ₂₁ H ₂₃ NO	
	Darunavir			
CL224	Darunavir working standard		CAS: 55079-83-9 MF: C ₂₁ H ₂₆ O ₃	
	Daunorubicin			
CL225	Daunorubicin working std. (8 <i>S</i> ,10 <i>S</i>)-8-acetyl-10-[(2 <i>S</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>S</i>)-4-amino-5-hydroxy-6-methyl-oxan-2-yl]oxy-6,8,11-trihydroxy-1-methoxy-9,10-dihydro-7 <i>H</i> -tetracene-5,12-dione		CAS: 20830-81-3 MF: C ₂₇ H ₂₉ NO ₁₀ .HCl MW: 527.53 36.46	
	Deferosirox			

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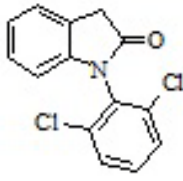
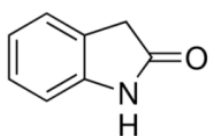
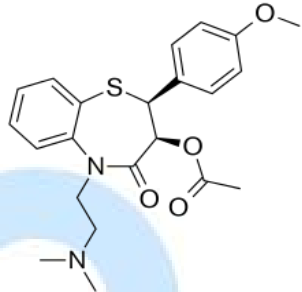
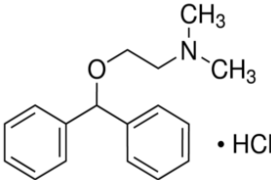
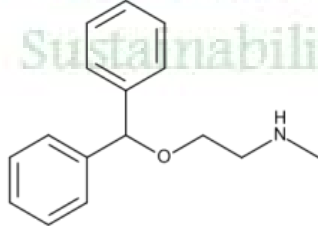
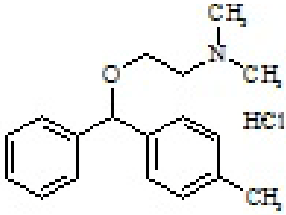
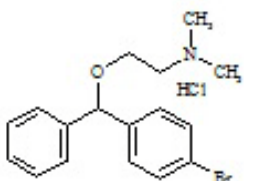
CL226	Deferosirox Impurity Salicylic acid		CAS:69-72-7 MF: C7H6O3 MW: 138.12	
	Desloratadine			
CL227	Desloratadine Impurity E		CAS:79794-75-5 MF:C22H23 CIN2O2 MW:382.89	
	Diazepam			
CL228	Diazepam Impurity-A 7-chloro-5-phenyl-1,3-dihydro-2H-1,4-benzodiazepin-2-one (nordazepam),			
CL229	Diazepam Impurity-B 2-chloro-N-(4-chloro-2-benzoylphenyl)-N-methylacetamide,		CAS No. 6021-21-2 M.F.: C16H13Cl2 NO2 M.W.: 322.19	
CL230	Diazepam Impurity-D 5-chloro-2-(methylamino)phenyl]phenyl methanone			
	Diclofenac Sodium			
CL231	Diclofenac working std.		CAS: 15307-86-5 MF: C14H11Cl2NO 2	

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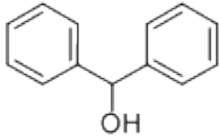
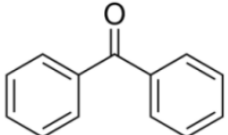
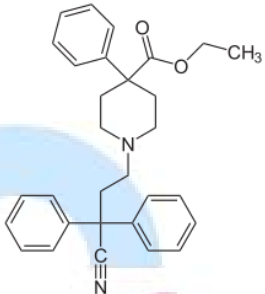

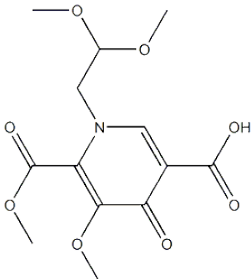
CL232	Diclofenac Impurity-A 1-(2,6-dichlorophenyl)- 1,3-dihydro-2H-indol- 2-one		M.F.: C ₁₄ H ₉ Cl ₂ N O M.W.: 278.14	
CL233	Diclofenac USP RC E, Diclofenac Impurity E 2-oxindole		59-48-3 C ₈ H ₇ NO 33.15	
	Diltiazem			
CL234	Diltiazem working std.		CAS: 42399- 41-7 MF: C ₂₂ H ₂₆ N ₂ O ₄ S	
	Diphenhydramine			
CL235	Diphenhydramine working std.		CAS: 58-73- 1 MF: C ₁₇ H ₂₁ N O MW: 255.35	
CL236	Diphenhydramine Impurity-A 2-(diphenylmethoxy)- N-methylethanamine		CAS: 53499- 40-4 MF: C ₁₆ H ₁₉ NO HCl MW: 241.34 36.46	
CL237	Diphenhydramine Impurity-B 2-[(RS)-(4- methylphenyl) phenylmethoxy]-N,N- dimethylethanamine		CAS:4024- 34-4 M.F.: C ₁₈ H ₂₃ NO. HCl M.W.: 269.39 36.46	
CL238	Diphenhydramine Impurity-C 2-[(RS)-(4- bromophenyl) phenylmethoxy]-N,N- dimethylethanamine		M.F.: C ₁₇ H ₂₀ BrN O. HCl M.W.: 334.26 36.46	

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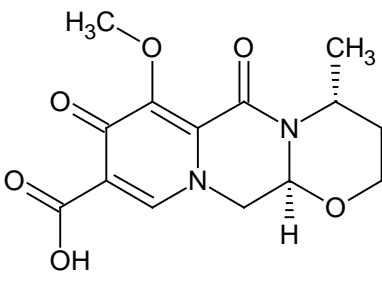
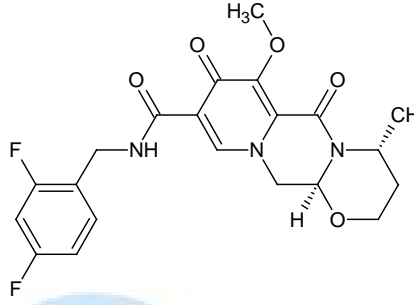
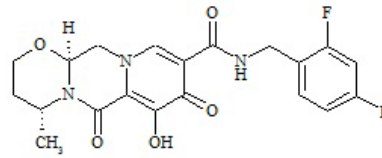
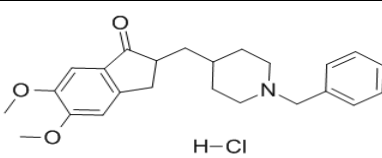
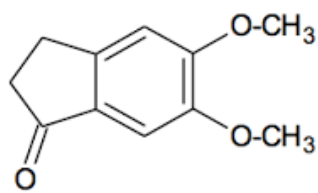
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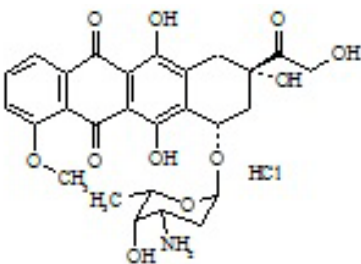
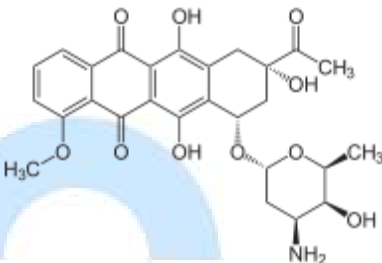
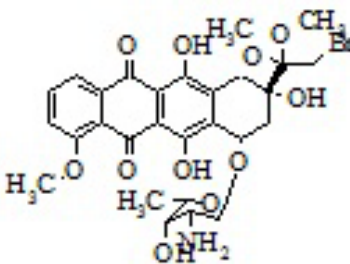
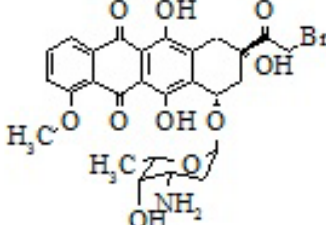
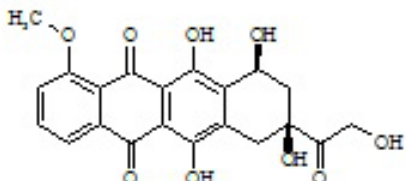
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CL239	Diphenhydramine Impurity-D DIPHENYLMETHANOL; Benzhydrol		CAS: 91-01-0 MF: C ₁₃ H ₁₂ O MW: 184.23	
CL240	Diphenhydramine Impurity-E Diphenyl Ketone		CAS: 119-61-9 MF: C ₁₃ H ₁₀ O MW: 182.22	
	Diphenoxylate hydrochloride			
CL241	Diphenoxylate HCl working std.		CAS :3810-80-8 MF: C ₃₀ H ₃₃ ClN ₂ O ₂	
	Dolutegravir			
CL242	Dolutegravir Sodium Working Std. sodium;(4R,12aS)-9-[(2,4-difluorophenyl)methylcarbamoyl]-4-methyl-6,8-dioxo-3,4,12,12a-tetrahydro-2H-pyrido[5,6]pyrazino[2,6-b][1,3]oxazin-7-olate		CAS:1051375-16-6 MF:C ₂₀ H ₁₉ F ₂ N ₃ O ₅ MW:419.38	
CL243	Dolutegravir KSM 1-(2,2-dimethoxyethyl)-5-methoxy-6-(methoxycarbonyl)-4-oxo-1,4-dihydropyridine-3-carboxylic acid		CAS:1335210-23-5 MF:C ₁₃ H ₁₇ NO ₈ MW:315.19	

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CL244	Dolutegravir Stg-I (4 <i>R</i> ,12 <i>aS</i>)-7-methoxy-4-methyl-6,8-dioxo-3,4,6,8,12,12 <i>a</i> -hexahydro-2 <i>H</i> -pyrido[1',2':4,5]pyrazino[2,1- <i>b</i>][1,3]oxazine-9-carboxylic acid		CAS:133521 0-34-8 MF:C14H16 N2O6 MW:308.28	
CL245	Dolutegravir Stg-II		CAS: MF:C21H21 F2N3O5 MW:433.42	
CL246	Dolutegravir Stg-III		CAS:105137 5-16-6 MF:C20H19 F2N3O5 MW:419.39	
	Donepezil HCl.			
CL247	Donepezil HCl working Std.		CAS:120011 -70-3 MF:C ₂₄ H ₃₀ Cl NO ₃	
CL248	Donepezil Impurity -1 5,6-Dimethoxy-1-Indanone; 2,3-Dihydro-5,6-dimethoxy-1 <i>H</i> -inden-1-one; 5,6-Dimethoxy-2,3-dihydro-1 <i>H</i> -inden-1-one;		CAS: 2107- 69-9 MF: C11H12O3 MW: 192.22	
	Doxorubicin			

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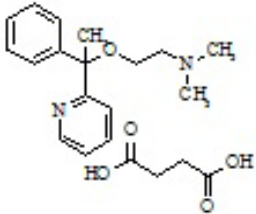
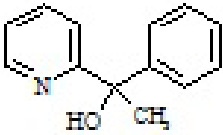
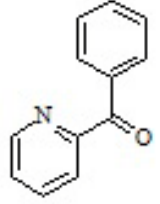
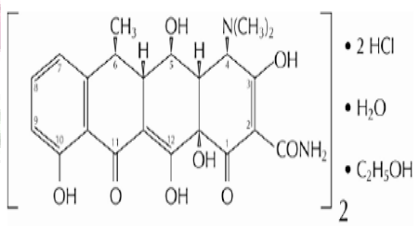
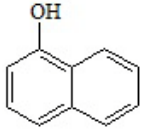
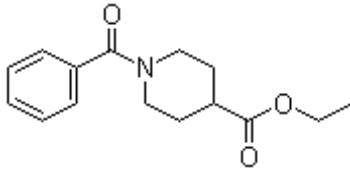
CL249	Doxorubicin working std (7 <i>S</i> ,9 <i>S</i>)-7-[(2 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>S</i>)-4-amino-5-hydroxy-6-methyloxan-2-yl]oxy-6,9,11-trihydroxy-9-(2-hydroxyacetyl)-4-methoxy-8,10-dihydro-7 <i>H</i> -tetracene-5,12-dione		CAS:25316-40-9 MF:C27H29NO11 HCl MW: 543.5336.46	
CL250	Doxorubicin Impurity-A Daunorubicin (8 <i>S</i> ,10 <i>S</i>)-8-acetyl-10-[(2 <i>S</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>S</i>)-4-amino-5-hydroxy-6-methyloxan-2-yl]oxy-6,8,11-trihydroxy-1-methoxy-9,10-dihydro-7 <i>H</i> -tetracene-5,12-dione		CAS:20830-81-3 MF:C27H29NO10.HCl MW: 527.5336.46	
CL251	Doxorubicin Impurity-B		CAS:106401-68-7 MF:C29H34BrNO11 MW: 652.50	
CL252	Doxorubicin Impurity-C 14-Bromo Daunorubicin		MF:C27H28BrNO10 MW: 606.43	
CL253	Doxorubicin Impurity-D Doxorubicine Aglycone; Doxorubicinone; (8 <i>S</i> ,10 <i>S</i>)-7,8,9,10-tetrahydro-6,8,10,11-tetrahydroxy-8-(2-hydroxyacetyl)-1-		CAS: 24385-10-2 MF:C21H18O9 MW: 414.37	

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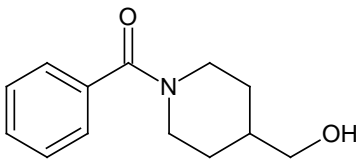
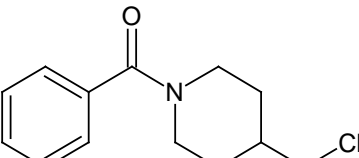
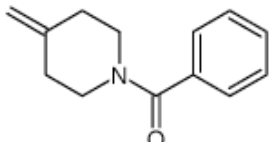
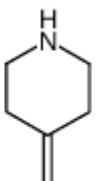
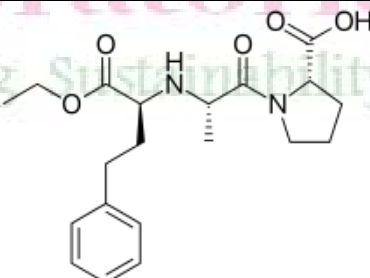
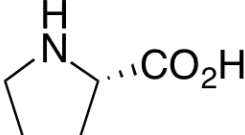
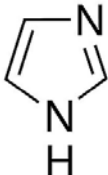
	methoxytetracene-5,12-dione			
	Doxylamine Succinate			
CL254	Doxylamine Succinate working std.		CAS:562-10-7 MF:C17H22N2O. C4H6O4 MW:270.38 118.09	
CL255	Doxylamine Succinate Impurity-B (1RS)-1-phenyl-1(pyridin-2-yl)ethanol		CAS:19490-92-7 M.F.: C13H13NO M.W.: 199.25	
CL256	Doxylamine Succinate Impurity-D Phenyl(pyridin-2-yl)methanone (2-benzoylpyridine)		CAS:91-02-1 M.F.: C12H9NO M.W.: 183.21	
	Doxycycline hyclate			
CL257	Doxycycline hyclate working std.		CAS :24390-14-5 MF:C ₂₂ H ₂₄ N ₂ O ₈ ·HCl ·0.5H ₂ O · 0.5C ₂ H ₆ O	
	Duloxetine			
CL258	Duloxetine EP Impurity D 1-Naphthol		CAS: 90-15-3 MF: C10H8O MW: 144.17	
	Efinaconazole			
CL259	Efinaconazole Impurity-I 1-Benzoyl-4-piperidinecarboxylic acid ethyl ester, Ethyl		CAS: 136081-74-8 MF:C ₁₅ H ₁₉ N O ₃ MW:261.32	

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Impurity, Working standards and Metabolites

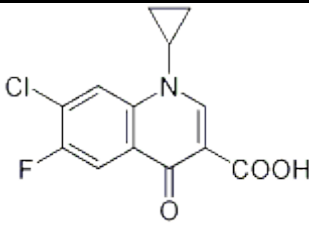
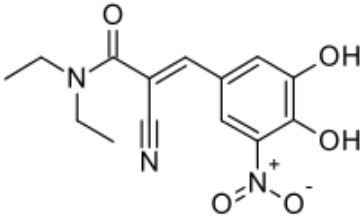
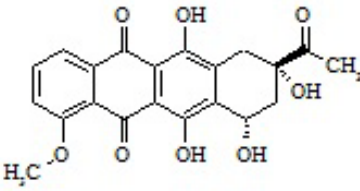

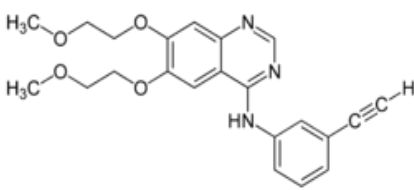
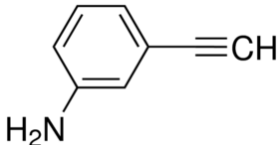
	1-benzoylisonipecotate		
CL260	Efinaconazole Impurity-II (4-Hydroxymethyl-piperidin-1-yl)-phenyl-methanone		CAS: 19980-00-8 MF:C13H17NO2 MW:219.27
CL261	Efinaconazole Impurity-III [4-(chloromethyl)piperidin-1-yl](phenyl)methanone,		CAS: 63608-15-1 MF:C13H16ClNO MW: 237.72
CL262	Efinaconazole Impurity-IV N-benzoyl-4-methylenepiperidine; Piperidine,1-benzoyl-4-methylene		CAS: 188904-84-9 MF:C13H15NO MW:201.26
CL263	Efinaconazole Impurity-V 4-Methylen-piperidin; 4-methylene-piperidine		CAS: 148133-82-8 MF: C6H11N MW:97.15
	Enalapril		
CL264	Enalapril working std.		CAS:75847-73-3 MF: C ₂₀ H ₂₈ N ₂ O ₅ MW: 376.447
CL265	Enalapril Impurity 5		CAS: 147-85-3 MF: C ₅ H ₉ NO ₂ MW: 115.13
CL266	Enalapril Impurity I Imidazole		CAS:288-32-4 MF: C ₃ H ₄ N ₂ MW:68.08
	Enrofloxacin		

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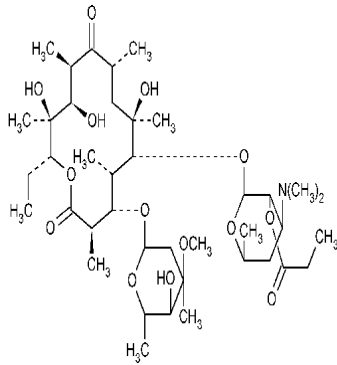
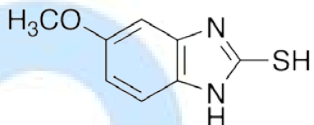
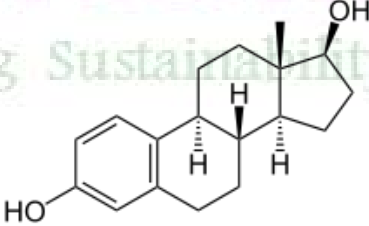
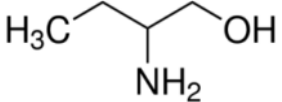
CL267	Enrofloxacin EP Impurity A ; Fluoroquinolonic Acid		CAS:86393-33-1 MF:C ₁₃ H ₉ ClFNO ₃ MW:281.67	
	Entacapone			
CL268	Entacapone working std.		CAS:130929-57-6 MF:C ₁₄ H ₁₅ N ₃ O ₅	
	Epirubicin			
CL269	Epirubicin Impurity-B (Daunomycinone)		CAS:21794-55-8 MF:C ₂₁ H ₁₈ O ₈ MW: 398.37	
	Eprosartan			
CL270	Eprosartan working std. 4-({2-Butyl-5-[2-carboxy-2-(thiophen-2-ylmethyl)eth-1-en-1-yl]-1H-imidazol-1-yl}methyl)benzoic acid		CAS:133040-01-4 MF: C ₂₃ H ₂₄ N ₂ O ₄ S MW:520.62	
	Erlotinib			
CL271	Erlotinib Working Std. N-(3-ethynylphenyl)-6,7-bis(2-methoxyethoxy)quinazolin-4-amine		CAS:183321-74-6 MF:C ₂₂ H ₂₃ N ₃ O ₄ MW:393.43	
CL272	Erlotinib Impurity (3-Ethynyliline)		CAS: 54060-30-9 MF: C ₈ H ₇ N MW:117.15	

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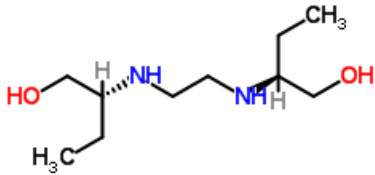
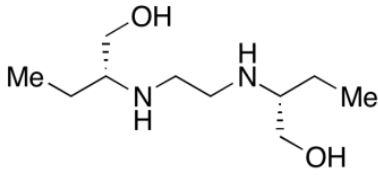
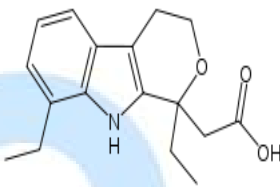
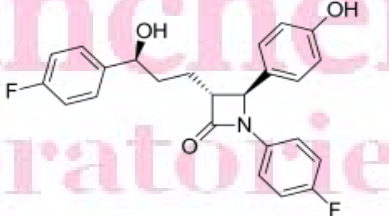
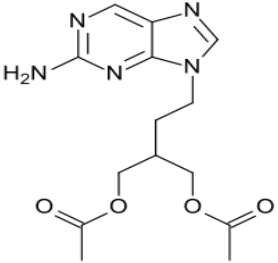
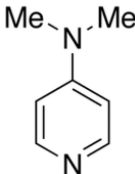
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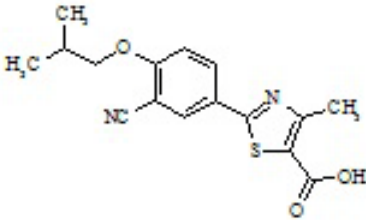
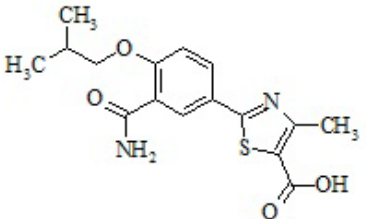
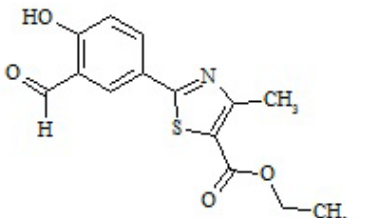
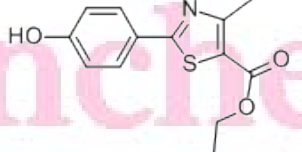
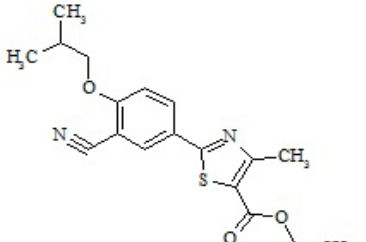
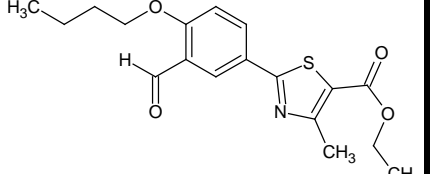
PRODUCT LIST: 2017-2018
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	Erythromycin estolate			
CL273	Erythromycin estolate Working Std IP		CAS:-3521-62-8 MF:C ₅₂ H ₉₇ N ₁ O ₁₈ S	
	Esomeprazole			
CL274	Esomeprazole Impurity A ; 5-Methoxy-1H-Benzimidazole-2-Thiol; 1,3-Dihydro-5-methoxy-2H-benzimidazole-2-thione;		CAS: 37052-78-1 MF: C ₈ H ₈ N ₂ O ₂ S MW: 180.23	
	Estradiol			
CL275	Estradiol working std Estriol Impurity-D Ethinylestradiol - Impurity- D (Estra-1,3,5(10)-triene-3,17β-diol) (8 <i>R</i> ,9 <i>S</i> ,13 <i>S</i> ,14 <i>S</i> ,17 <i>S</i>)-13-methyl-6,7,8,9,11,12,14,15,16,17-decahydrocyclopenta[<i>a</i>]phenanthrene-3,17-diol		CAS:50-28-2 MF:C ₁₈ H ₂₄ O ₂ MW: 272.39	
	Ethambutol			
CL276	Ethambutol Impurity-A 2-amino butanol		CAS: 96-20-8 MF: C ₂ H ₅ CH(NH ₂)CH ₂ OH MW: 89.14	

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CL277	Ethambutol Impurity-B Meso Etambutol (2S)-2-[2-[[[(2R)-1-hydroxybutan-2-yl]amino]ethylamino]butan-1-ol		MF: C ₁₀ H ₂₄ N ₂ O ₂ MW: 204.31	
CL278	Ethambutol Impurity-C (R,R)-Ethambutol Dihydrochloride		CAS: 134566-79-3 MF: C ₁₀ H ₂₆ Cl ₂ N ₂ O ₂ MW: 277.23	
	Etodolac			
CL279	Etodolac working std.		CAS:41340-25-4 MF:C ₁₇ H ₂₁ N O ₃	
	Ezetimibe			
CL280	Ezetimibe working Std. IH		CAS :163222-33-1 MF:C ₂₄ H ₂₁ F ₂ NO ₃	
	Famciclovir			
CL281	Famciclovir working std.		CAS:104227-87-4 MF: C ₁₄ H ₁₉ N ₅ O ₄	
CL282	Famciclovir Dimethylaminopyridine Impurity (USP)		CAS: 1122-58-3 MF: C ₇ H ₁₀ N ₂ MW: 122.16	
	Febuxostat			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

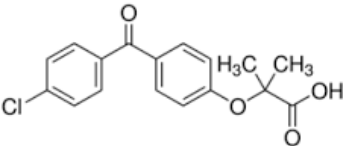
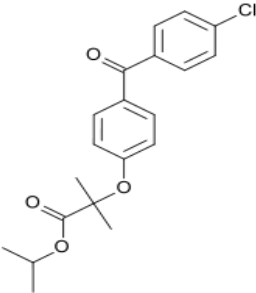
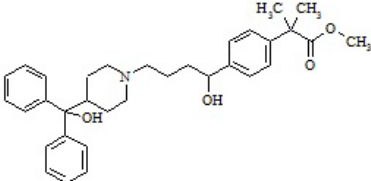
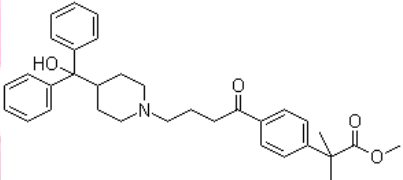
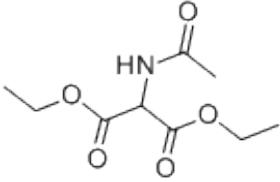
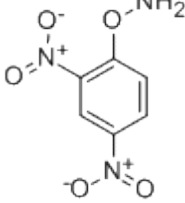
CL283	Febuxostat working std.		CAS No. 144060-53-7 M.F.: C16H16N2O 3S M.W.: 316.38	
CL284	Febuxostat Impurity-A (TLC impurity-4) Amide impurity		CAS - 1239233-86- 3 MF- C16H18N2 O4S MW- 334.40	
CL285	Febuxostat Impurity-B (TLC imp-1)		CAS - 161798-01-2 MF- C14H13NO 4S MW- 291.33	
CL286	Febuxostat Impurity-Desaldehyde impurity ethyl 2-(4-hydroxyphenyl)-4-methyl thiazole-5-carboxylate		CAS: 161797-99-5 MF: C13H13NO3 S MW: 263.31	
CL287	Febuxostat Impurity-D (TLC imp-3)		CAS- 160844-75-7 MF- C18H20N2 O3S MW- 344.44	
CL288	Febuxostat n-Butyl ether impurity			
CL289	Febuxostat polymorph-A			
CL290	Febuxostat polymorph-G			
CL291				
CL292	Fenofibric acid			

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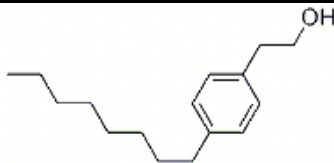
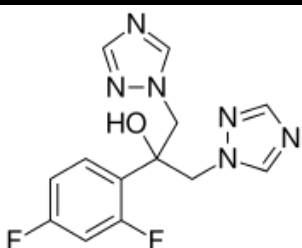
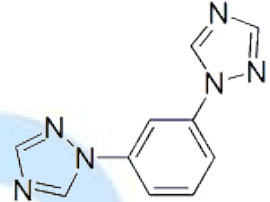
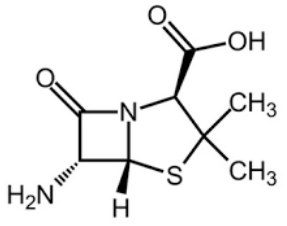
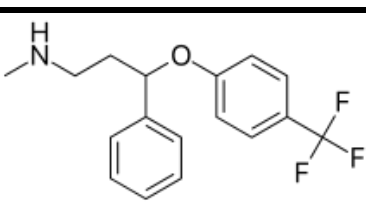
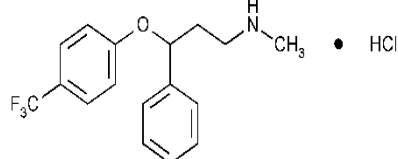
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Impurity, Working standards and Metabolites

CL293	Fenofibric acid working std.		CAS: 42017-89-0 MF: C ₁₇ H ₁₅ ClO ₄	
CL294	Fenofibrate Working Std		CAS: 49562-28-9 MF: C ₂₀ H ₂₁ ClO ₄	
	Fexofenadine			
CL295	Fexofenadine EP Impurity D (Fexofenadine Methyl Ester)		CAS: 154825-96-4 MF: C ₃₃ H ₄₁ NO ₄ MW: 515.17	
CL296	Fexofenadine Methyl Ester 2-[4-[4-[4-(Hydroxydiphenylmethyl)-1-piperidinyl]-1-oxobutyl]phenyl]-2,2-dimethylacetic acid methyl ester		CAS: 154477-55-1 MF: C ₃₃ H ₃₉ NO ₄ MW: 513.67	
	Fingolimod			
CL297	Diethyl acetamidomalonate		1068-90-2 C ₉ H ₁₅ NO ₅ 217.22	
CL298	Fingolimod Impurity- O-(2,4-dinitrophenyl) hydroxylamine		17508-17-7 C ₆ H ₅ N ₃ O ₅ 199.121	

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Impurity, Working standards and Metabolites

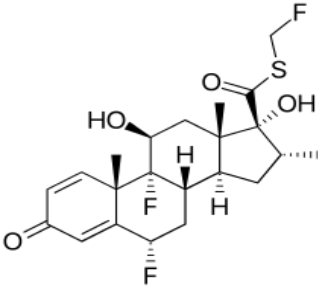
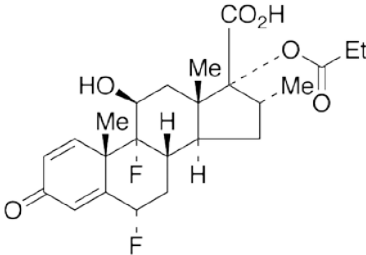
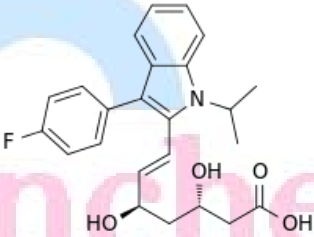

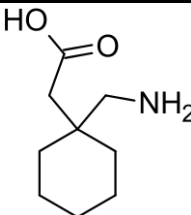

CL299	2-(4-octylphenyl) Ethanol		162358-05-6 C16H26O 234.37704	
	Fluconazole			
CL300	Fluconazole working std.		CAS:86386- 73-4 MF:C ₁₃ H ₁₂ F ₂ N ₆ O	
CL301	Fluconazole Impurity- C 1,1'-(1,3-Phenylene)bis- 1H-1,2,4-triazole	 C ₁₀ H ₈ N ₆ Mol. Wt.: 212.21	CAS- 514222-44-7 MF- C ₁₀ H ₈ N ₆ MW- 212.21	
	Flucloxacillin			
CL302	Flucloxacillin Impurity C 6-Aminopenicillanic acid		CAS: 551-16- MF:C ₈ H ₁₂ N 2O ₃ MW:216.26	
	Fluoxetine			
CL303	Fluoxetine working std.		CAS: 54910 89-3 MF: C ₁₇ H ₁₈ F ₃ NO	
CL304	Fluoxetine HCl working std.		CAS : 56296-78-7. MF:- C ₁₇ H ₁₈ F ₃ NO · HCl	
	Fluticasone			

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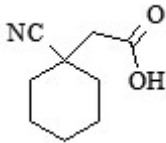
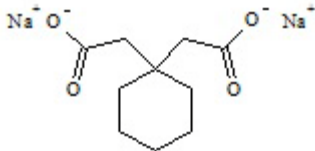
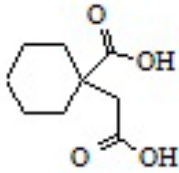

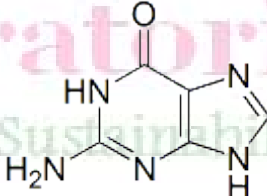
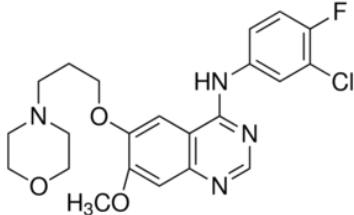
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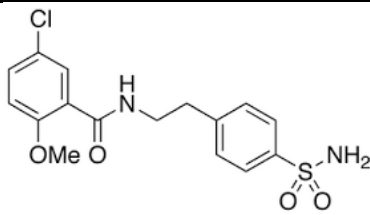
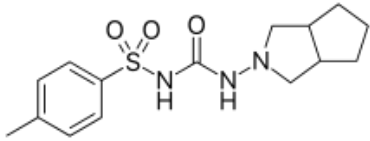
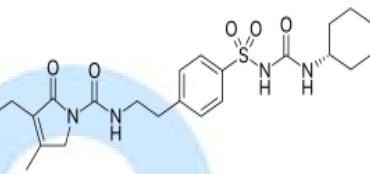
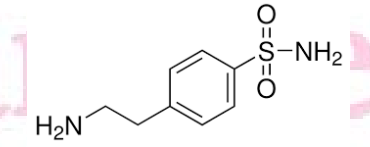
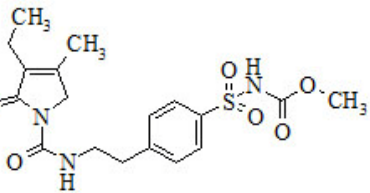
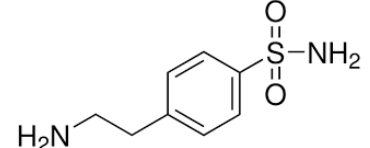
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Impurity, Working standards and Metabolites

CL305	Fluticasone working std.		CAS:- 90566-53-3 MF:- C ₂₂ H ₂₇ F ₃ O ₄ S	
CL306	Fluticasone 17β-Carboxylic Acid Propionate		CAS: 65429-42-7 MF: C ₂₄ H ₃₀ F ₂ O ₆ MW: 452.49	
	Fluvastatin			
CL307	Fluvastatin working std.		CAS: 93957-54-1 MF: C ₂₄ H ₂₆ FNO ₄	
	Folpet Metabolites			
CL308	2-Cyanobenzoic acid		CAS: 3839-22-3 MF: C ₅ H ₅ NO ₂ MW: 147.13	
	Gabapentin			
CL309	Gabapentin working std.		CAS: 60142-96-3 MF: C ₉ H ₁₇ NO ₂ . HCl MW: 171.24 36.46	
CL310	Gabapentin Impurity-A Gabapentin Lactum Impurity		CAS: 64744-50-9 MF: C ₉ H ₁₅ NO MW: 153.23	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL311	Gabapentin Impurity-B 1-Cyanocyclohexane Acetic acid		CAS:133481-12-6 C9H12NO2. K M.W. 166.20	
CL312	Gabapentin Impurity 2 1,1-Cyclohexane Diacetic acid		CAS No. 4355-11-7 C10H16O4 M.W. 200.24	
CL313	Gabapentin Impurity E Gabapentin Diacid impurity		CAS: 667465-00-1 MF: C9H14O4 MW: 186.21	
	Ganciclovir			
CL314	Ganciclovir Working std.		CAS: 82410-32-0 MF:C9H13N5O4 MW: 255.23	
CL315	Ganciclovir Impurity - F 2-Amino-1,9-dihydro-6H-purin-6-one		CAS:73-40-5 MF:C5H5N5O MW:151.133	
	Gefitinib			
CL316	Gefitinib working std.		CAS:184475-35-2 MF:C22H24ClFN4O3	
	Glibenclamide			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

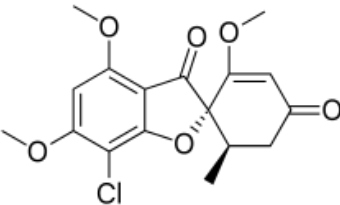
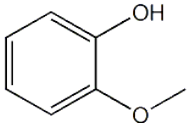
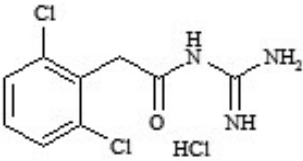
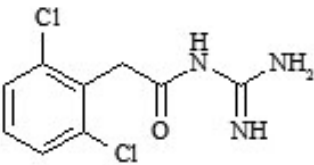
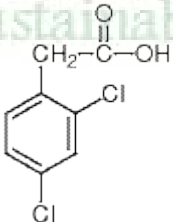
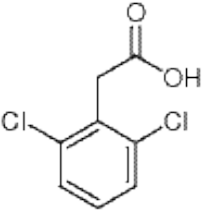
CL317	Glibenclamide (Glyburide) Impurity A		CAS: 16673-34-0 MF: C16H17ClN2O4S MW: 368.84
	Gliclazide		
CL318	Gliclazide working std.		CAS: 21187-98-4 MF: C15H21N3O3S
	Glimepiride		
CL319	Glimepiride working Std USP		CAS:93479-97-1 MF:C24H34N4O5S
CL320	Glimepiride metabolite, Glimepiride Impurity Des(5-methylpyrazinecarbonyl) trans-4-Methyl Glipizide		CAS: 35303-76-5 MF: C8H12N2O2S MW: 200.26
CL321	Glimepiride Impurity-C		CAS:119018-30-3 M.F.: C18H23N3O6S M.W.: 409.46
	Glipizide		
	Glipizide Impurity Des(5-methylpyrazinecarbonyl) trans-4-Methyl Glipizide		CAS: 35303-76-5 MF: C8H12N2O2S MW: 200.26
	Griseofulvin		

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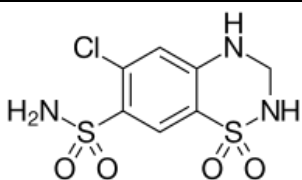
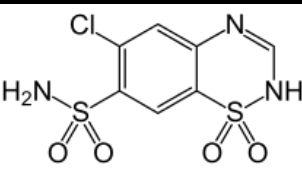
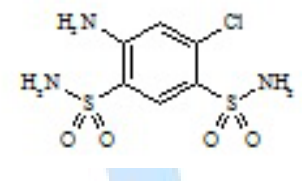
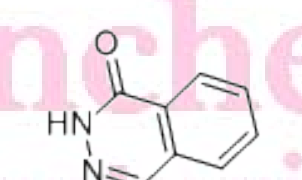
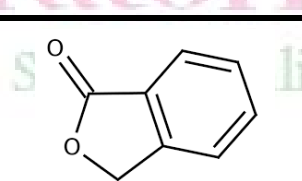
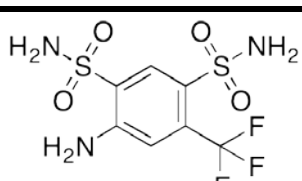
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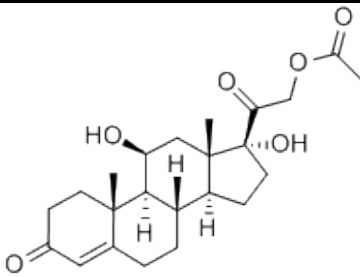
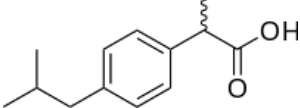
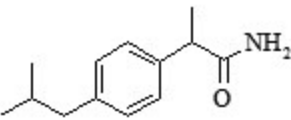
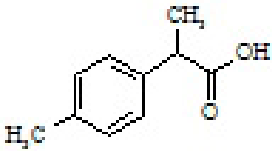
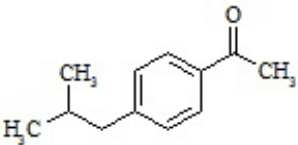
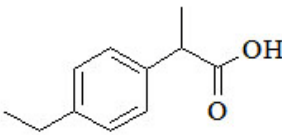
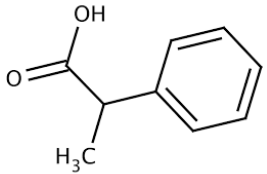
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL322	Griseofulvin working std.		CAS:126-07-8 MF:C ₁₇ H ₁₇ ClO ₆	
	Guaifenesin			
CL323	Guaifenesin Impurity-A Guaiacol ; 2-Methoxyphenol		CAS: 90-05-1 MF: C ₇ H ₈ O ₂ MW: 124.14	
	Guanfacine			
CL324	Guanfacine .HCl working std.		CAS:29110-48-3 MF:C ₉ H ₉ Cl ₂ N ₃ O.HCl MW: 246.10 36.46	
CL325	Guanfacine Free base		CAS:29110-47-2 MF:C ₉ H ₉ Cl ₂ N ₃ O MW:246.10	
CL326	Guanfacine Dimer			
CL327	2,4-Dichlorophenyl acetic acid		CAS:19719-28-9 MF: C ₈ H ₆ Cl ₂ O ₂ MW:205.04	
CL328	2,6-Dichlorophenyl acetic acid		CAS: 6575-24-2 MF: C ₈ H ₆ Cl ₂ O ₂ MW:205.04	
CL329	Guanfacine Amide Impurity			
	Helobetasole			
CL330	Helobetasole Working			

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Impurity, Working standards and Metabolites

	Standard			
	Hydrochlorothiazide			
CL331	Hydrochlorothiazide working std.		CAS No. 58-93-5 C ₇ H ₈ ClN ₃ O ₄ S ₂ M.W. 297.73	
CL332	Hydrochlorothiazide Impurity-A chlorothiazide,		CAS:58-94-6 MF: C ₇ H ₆ ClN ₃ O ₄ S ₂ MW:295.72	
CL333	Hydrochlorothiazide Impurity-B 4-amino-6-chlorobenzene-1,3-disulphonamide (salamide)		CAS:121-30-2 M.F.: C ₆ H ₈ ClN ₃ O ₄ S ₂ M.W.: 285.73	
CL334	Hydrochlorothiazide KRM. 1(2H)-Phthalazinone BENZO[D]PYRIDAZIN N,1(2H)ONE;DIHYDR OOXOPHTHALAZIN E		CAS: 119-39-1 MF:C ₈ H ₆ N ₂ O MW:146.15	
CL335	Hydrochlorothiazide KRM. 3H-2-benzofuran-1-one		CAS:87-41-2 MF:C ₈ H ₆ O ₂ MW:134.13	
	Hydroflumethazide			
CL336	Hydroflumethazide Impurity 2,4-Disulfamyl-5-trifluoromethylaniline		CAS:654-62-6 MF:C ₇ H ₈ F ₃ N ₃ O ₄ S ₂ MW:328.72	
	Hydrocortisone acetate			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

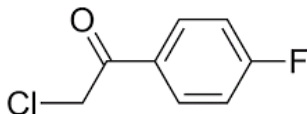
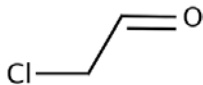
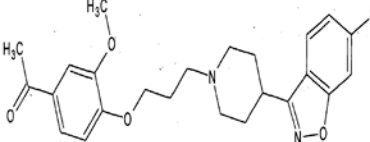
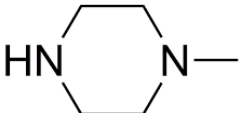
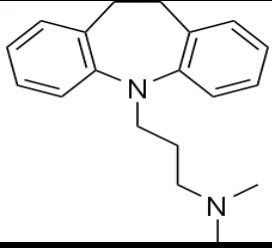
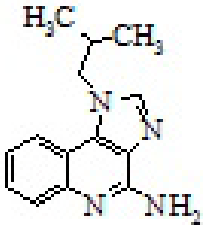
CL337	Hydrocortisone acetate Working Std		CAS : 50-03-3 MF:C23H32O6	
	Ibuprofen			
CL338	Ibuprofen working std.		CAS:15687-27-1 MF:C ₁₃ H ₁₈ O ₂	
CL339	Ibuprofen Impurity-C (2RS)-2-[4-(2-methyl propyl)phenyl]propanamide		CAS:59512-17-3 M.F.: C ₁₃ H ₁₉ NO M.W.: 205.30	
CL340	Ibuprofen Impurity-D (2RS)-2-(4-methyl phenyl)propanoic acid,		CAS:938-94-3 M.F.: C ₁₀ H ₁₂ O ₂ M.W.: 164.21	
CL341	Ibuprofen Impurity-E 1-[4-(2-methyl propyl)phenyl]ethanone		CAS: 38861-78-8 M.F.: C ₁₂ H ₁₆ O M.W.: 176.26	
CL342	Ibuprofen Impurity-N (2RS)-2-(4-ethylphenyl) propanoic acid,		CAS:3585-52-2 M.F.: C ₁₁ H ₁₄ O ₂ M.W.: 178.23	
CL343	Ibuprofen Impurity (±)-2-Phenylpropanoic Acid		CAS: 492-37-5 MF: C ₉ H ₁₀ O ₂ MW: 150.17	
	Idelalisib			

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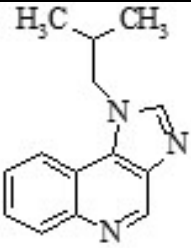
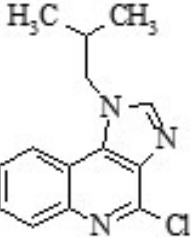
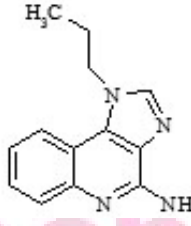
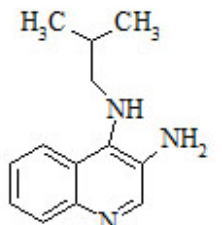
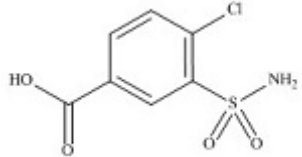
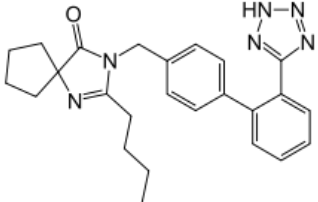
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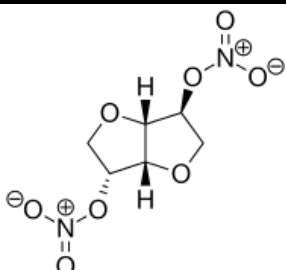
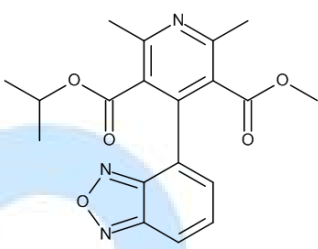
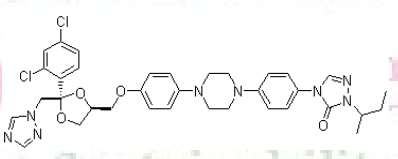
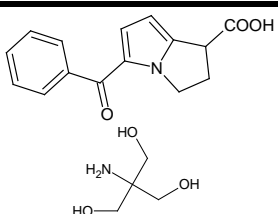
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL344	Idelalisib Intermediate 2-Chloro-1-(4-fluorophenyl)ethanone; 2-Chloro-4'-fluorocetophenone		CAS:456-04-2 M.F.:C ₈ H ₆ ClFO M.W.:172.58	
	Ifosfamide			
CL345	Ifosfamide Metabolite Ifosfamide Impurity		CAS: 107-20-0 MF: C ₂ H ₃ ClO MW: 78.50	
	Iloperidone			
CL346	Iloperidone base		CAS:133454-47-4 MF: C ₂₄ H ₂₇ FN ₂ O ₄	
	Imatinib			
CL347	Imatinib Impurity G 1-Methyl-1,4-piperazine; N-Methylpiperazine		CAS:109-01-3 M.F.:C ₅ H ₁₂ N ₂ M.W.:100.16	
	Imipramine			
CL348	Imipramine working std.		CAS: 50-49-7 MF:C ₁₉ H ₂₄ N ₂	
	Imiquimode			
CL349	Imiquimode working std.		CAS: 99011-02-6 MF: C ₁₄ H ₁₆ N ₄ MW: 240.31	

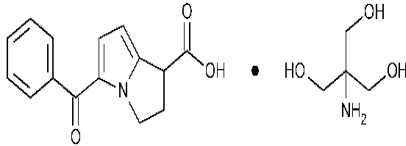
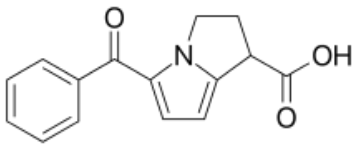
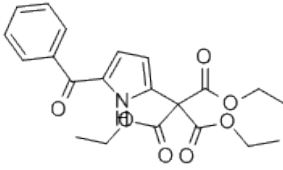
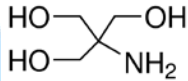

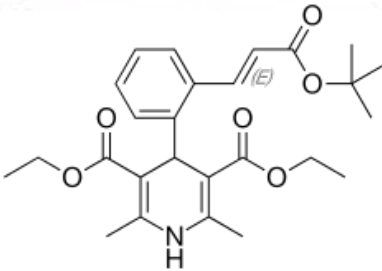
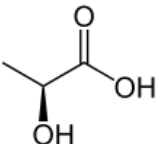
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL350	Imiquimode Impurity -A		CAS: 99010-24-9 MF: C ₁₄ H ₁₅ N ₃ MW: 225.30	
CL351	Imiquimode Impurity -C		CAS: 99010-64-7 MF: C ₁₄ H ₁₄ ClN ₃ MW: 259.74	
CL352	Imiquimode Impurity -D		CAS: 853792-81-1 MF: C ₁₃ H ₁₄ N ₄ MW: 226.28	
CL353	Imiquimode Impurity -E		CAS: 99010-09-0 MF: C ₁₃ H ₁₇ N ₃ MW: 215.30	
	Indapamide			
CL354	Indapamide Impurity 12		CAS: 1205-30-7 MF: C ₇ H ₆ ClNO ₄ S MW: 235.64	
	Irbesartan			
CL355	Irbesartan working std.		CAS: 138402-11-6 MF: C ₂₅ H ₂₈ N ₆ O	

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Impurity, Working standards and Metabolites

	Isosorbide dinitrate			
CL356	Isosorbide dinitrate working std.		CAS:87-33-2 MF:C ₆ H ₈ N ₂ O ₈	
	Isradipine			
CL357	Isradipine-A (USP) Dehydro Isradipine Isopropyl methyl 4-(4-benzofurazanyl)-2,6-dimethyl-3,5-pyridine dicarboxylate, Methyl 1-methylethyl 4-(2,1,3-benzoxadiazol-4-yl) - 2,6-dimethylpyridine-3,5-dicarboxylate		CAS:116169-18-7 MF: C ₁₉ H ₁₉ N ₃ O ₅ MW:369.37	
	Itraconazole			
CL358	Itraconazole working std.		CAS:84625-61-6 MF: C ₃₅ H ₃₈ Cl ₂ N ₈ O ₄	
CL359	Ivabradine			
CL360				
	Ketorolac Tromethamine			
CL361	Ketorolac Tromethamine working std.- USP		MF: C ₁₅ H ₁₃ NO ₃ .C 4H ₁₁ NO ₃ MW:376.40	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

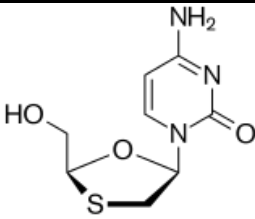
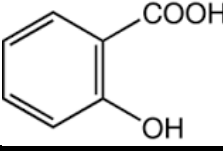
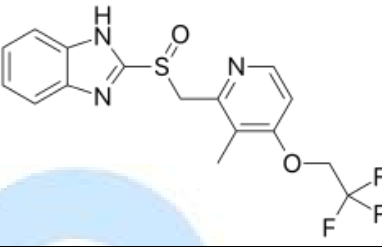
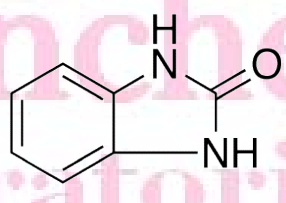
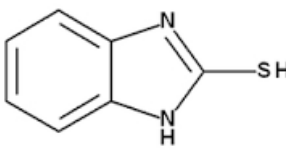
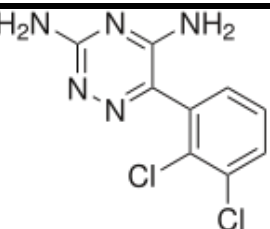
CL362	Ketorolac Tromethamine working std		CAS:74103-07-4 MF:C ₁₅ H ₁₃ N O ₃ ·C ₄ H ₁₁ NO ₃	
CL363	Ketorolac USP		CAS:-74103-06-3 MF:- C ₁₅ H ₁₃ NO ₃	
CL364	Triethyl[5-benzyl-1H pyrrol-yl]methane tricarboxylate		136116-84-2	
CL365	Ketrolac KSM. Tromethamine		CAS: 77-86-1 MF:C ₄ H ₁₁ N O ₃ MW:121.14	
	Ketotifen fumarate			
CL366	Ketotifen fumarate working std.		CAS: 34580-14-8 MF: C ₂₃ H ₂₃ NO ₅ S	
	Lacidipine			
CL367	Lacidipine working std.		CAS:103890-78-4 MF: C ₂₆ H ₃₃ NO ₆	
	Lactic Acid			
CL368	Lactic Acid 2-Hydroxypropanoic acid		CAS:1 79-33-4 MF: C ₃ H ₆ O ₃ MW: 90.08	
	Lamivudine			

Address: PAP-R-455, Near Alfa Laval, TTC Industrial area, MIDC Rabale, Navi Mumbai - 400701 (INDIA)

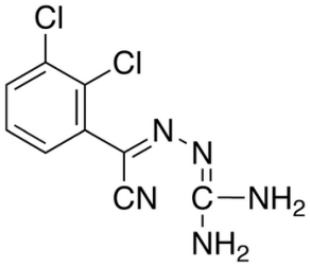
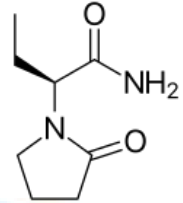
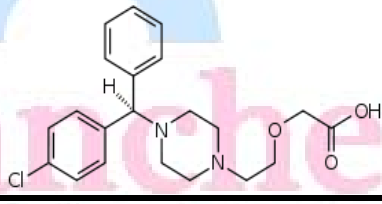
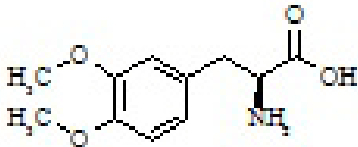
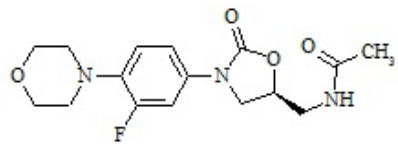
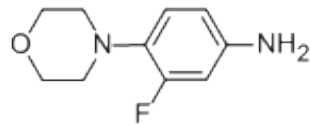
Email: cleanchem@cleanchemlab.com / cleanchemlab@gmail.com

Website: www.cleanchemlab.com **Mobile:** +91-9892169560 / **Phone:** +91-22-27601087

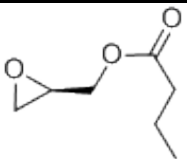
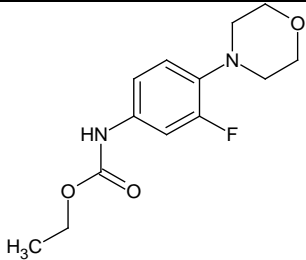
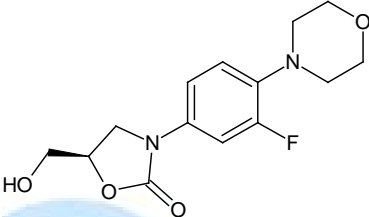
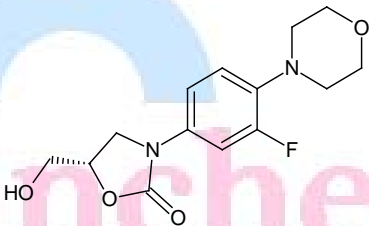
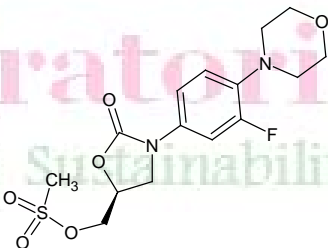
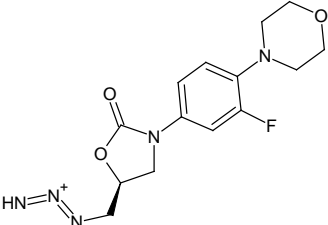
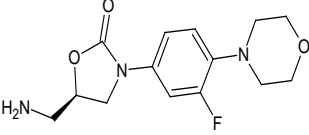
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL369	Lamivudine USP 4-amino-1-[(2R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-1,2-dihydropyrimidin-2-one		CAS:134678-17-4 MF: MW: 229.26	
CL370	Lamivudine Impurity-C Salicylic acid		CAS:69-72-7 MF: C7H6O3 MW: 138.12	
	Lansoprazole			
CL371	Lansoprazole working std.		CAS:103577-45-3 MF: C ₁₆ H ₁₄ F ₃ N ₃ O ₂ S	
CL372	Lansoprazole Impurity-D, Droperidol, 2-Hydroxybenzimidazole; 1,3-Dihydro-2H-benzimidazol-2-one; 2-Benzimidazolinone; 2,3-Dihydro-2-oxo-1H-benzimidazole; 2-Benzimidazolol		CAS: 615-16-7 MF: C7H6N2O MW: 134.14	
CL373	Lansoprazole EP Impurity-E 2-Mercapto benzimidazole		CAS: 583-39-1 MF:C7H6N2S MW: 150.2	
	Lamotrigine			
CL374	Lamotrigine working std.		CAS:84057-84-1 MF:C ₉ H ₇ Cl ₂ N ₅	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL375	Lamotrigine Impurity-1 2-(2,3-Dichlorophenyl)-2-(guanidinylimino)acetonitrile, 2-[Cyano(2,3-dichlorophenyl)methylene]hydrazinecarboximide		CAS:84689-20-3 MF:C ₉ H ₇ Cl ₂ N ₅ MW:256.09	
	Levetiracetam			
CL376	Levetiracetam working Std		CAS: 102767-28-2 MF:C ₈ H ₁₄ N ₂ O ₂	
	Levocetizine			
CL377	Levocetizine working std.		CAS:130018-77-8 MF:C ₂₁ H ₂₅ ClN ₂ O ₃	
	Levodopa			
CL378	Levodopa Related Compound 3-(3,4-Dimethoxyphenyl)-L-Alanine		CAS: 32161-30-1 MF: C ₁₁ H ₁₅ NO ₄ MW: 225.25	
	Linezolid			
CL379	Linezolid working std. <i>N</i> -{[(5 <i>R</i>)-3-(3-fluoro-4-morpholin-4-ylphenyl)-2-oxo-1,3-oxazolidin-5-yl]methyl}acetamide		M.F.: C ₁₆ H ₂₀ FN ₃ O ₄ M.W.: 337.35	
CL380	3-Fluoro-4-morpholinoaniline		93246-53-8 C ₁₀ H ₁₃ FN ₂ O 196.22	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

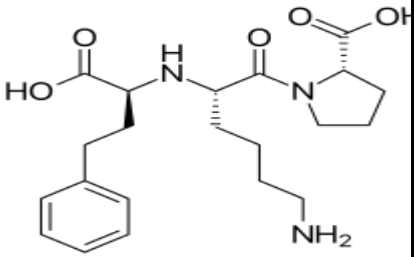
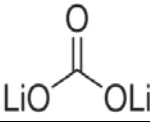
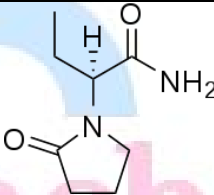
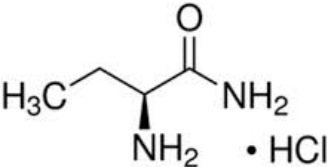
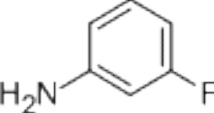
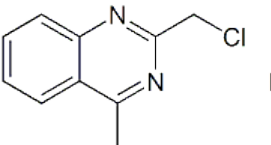
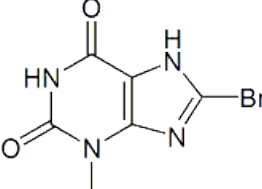
CL381	(R)-Glycidyl butyrate		60456-26-0 C7H12O3 144.17	
CL382	Linezolid Impurity-ethyl (3-fluoro-4-morpholin-4-ylphenyl)carbamate		MF: C ₁₃ H ₁₇ FN ₂ O ₃ MW: 268.28	
CL383	Linezolid Impurity-(5R)-3-(3-fluoro-4-morpholin-4-ylphenyl)-5-(hydroxymethyl)-1,3-oxazolidin-2-one		MF: C ₁₄ H ₁₇ FN ₂ O ₄ MW: 296.29	
CL384	Linezolid Impurity-(5S)-3-(3-fluoro-4-morpholin-4-ylphenyl)-5-(hydroxymethyl)-1,3-oxazolidin-2-one (stage-II)		MF: C ₁₄ H ₁₇ FN ₂ O ₄ MW: 296.29	
CL385	Linezolid Impurity-[(5R)-3-(3-fluoro-4-morpholin-4-ylphenyl)-2-oxo-1,3-oxazolidin-5-yl]methyl methanesulfonate		MF: C ₁₅ H ₁₉ FN ₂ O ₆ S MW: 374.38	
CL386	Linezolid Impurity-1-{[(5R)-3-(3-fluoro-4-morpholin-4-ylphenyl)-2-oxo-1,3-oxazolidin-5-yl]methyl}triaz-1,2-dien-2-ium		MF:C ₁₄ H ₁₇ F N ₅ O ₃ MW: 322.31	
CL387	Linezolid Impurity-(5R)-5-(aminomethyl)-3-(3-fluoro-4-morpholin-4-ylphenyl)-1,3-oxazolidin-2-one		MF: C ₁₄ H ₁₈ FN ₃ O ₃ MW: 295.31	

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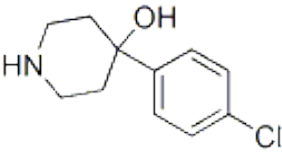
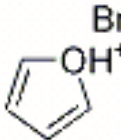
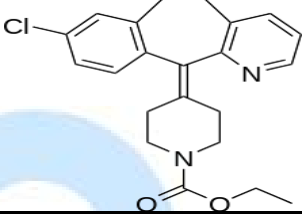
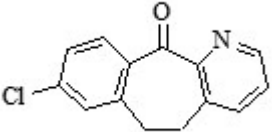
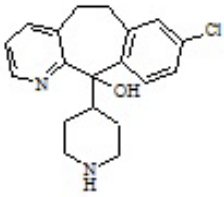
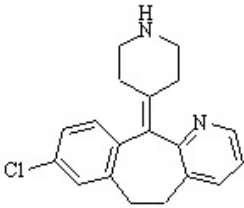
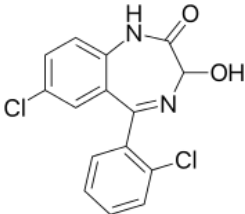
Email: cleanchem@cleanchemlab.com / cleanchemlab@gmail.com

Website: www.cleanchemlab.com **Mobile:** +91-9892169560 / **Phone:** +91-22-27601087

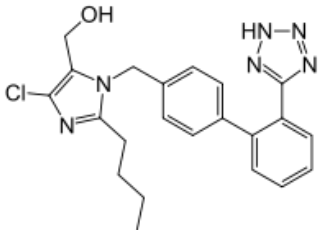
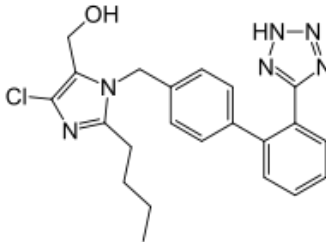
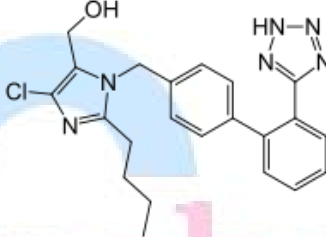
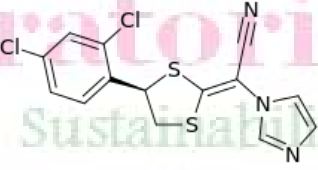
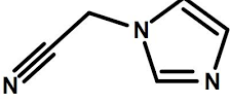
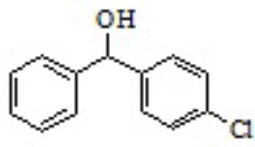
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Lisinopril			
CL388	Lisinopril working std.		CAS:83915-83-7 MF:C ₂₁ H ₃₁ N ₃ O ₅	
	Lithium carbonate			
CL389	Lithium carbonate working std.		CAS:55413-2 MF:Li ₂ CO ₃	
	Levetiracetam			
CL390	Levetiracetam working std.			
CL391	Briviracetam / leviteracetum KRM S-2-Aminobutanamide hydrochloride		CAS: 7682-20-4 MF:C ₄ H ₁₁ N IN ₂ O MW:138.6	
	Linagliptin			
CL392	3-fluoroaniline		372-19-0	
CL393	Linagliptine chloromethyl Impurity 2-Chloromethyl-4-methylquinazoline		CAS:109113-72-6 MF: C ₁₀ H ₉ CIN ₂ MW:192.64	
CL394	Linagliptin-8-bromo Impurity 8-Bromo-3-methyl-1H-purine-2,6(3H,7H)-dione		CAS:93703-24-3 MF:C ₆ H ₅ Br N ₄ O ₂ MW:245.03	

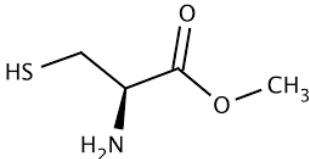
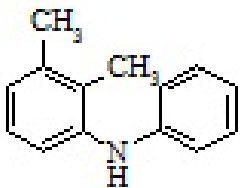
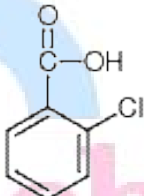
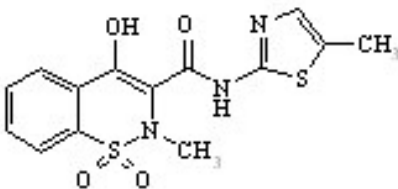
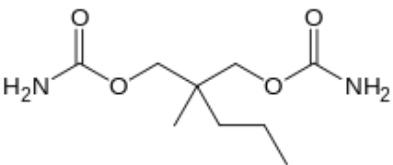
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Loperamide			
CL395	Loperamide Impurity-C 4-(4-chlorophenyl)piperidin-4-ol		CAS:39512-49-7 MF:C11H14ClNO MW:211.69	
CL396	Furium Bromide		MF:C4H5BrO MW:148.9859	
	Loratidine			
CL397	Loratidine working std.		CAS:79794-75-5 MF:C22H23ClN2O2	
CL398	Loratidine EP Impurity B 8-Chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-one		CAS:31251-41-9 MF:C14H10ClNO MW:243.69	
CL399	Loratidine Impurity 8		CAS: NA MF:C19H21ClN2O MW:328.85	
CL400	Loratidine EP Impurity D Desloratidine		CAS:100643-71-8 MF:C19H19ClN2 MW:310.83	
	Lorazepam			
CL401	Lorazepam working std.		CAS:846-49-1 MF:C15H10Cl2N2O2	

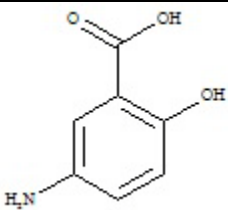
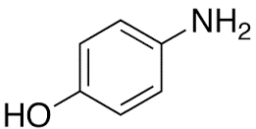
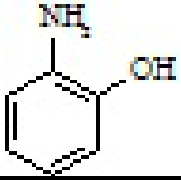
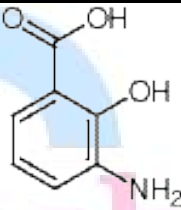
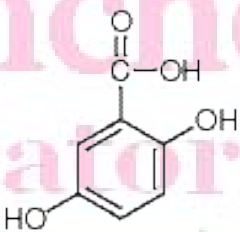
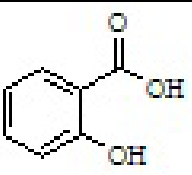
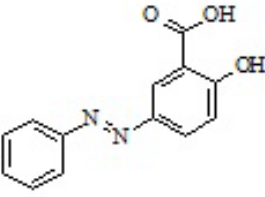
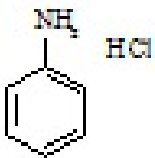
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Losartan potassium			
CL402	Losartan potassium USP		CAS: 12475 0-99-8 C22H22ClN 6O. K MW: 421.91 39.10	
CL403	Losartan working std.		CAS:114798 -26-4 MF:C22H23 ClN6O	
CL404	Losertan potassium USP		CAS:114798 -26-4 MF:- C22H23ClN6O • K	
	Luliconazole			
CL405	Luliconazole working std. (2E)-[(4R)-4-(2,4-Dichlorophenyl)-1,3-dithiolan-2-ylidene](1H-imidazol-1-yl)acetonitrile		CAS: 18716 4-19-8 MW:. 354.28	
CL406	Luliconazole Impurity-1-Imidazolyl) acetonitrile		CAS: 98873- 55-3 MF: C5H5N3 MW:107.12	
	Meclozine			
CL407	Meclozine Impurity-B (EP) 4-Chloro Benzhydrol		MF: C13H11ClO MW: 218.69	
	Mecysteine			

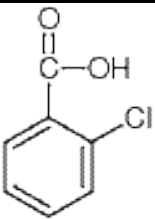
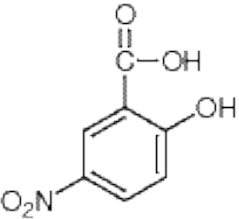
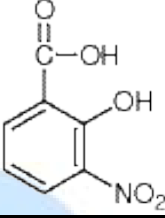
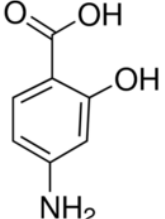
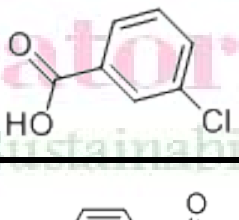
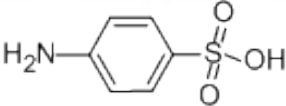
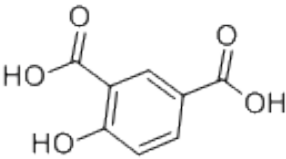
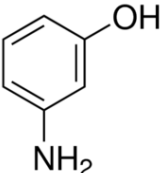
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Hydrochloride			
CL408	Mecysteine Hydrochloride working std. L-Cysteine Methyl Ester Hydrochloride; Actiol; Methyl cysteine HCl		CAS: 18598-63-5 MF: C ₄ H ₁₀ ClNO ₂ S MW: 171.65	
	Mefenamic Acid			
CL409	Mefenamic Acid Impurity-E N-(2,3-dimethyl) Phenyl aniline; Flufenamic Acid		CAS: 4869-11-8 M.F.: C ₁₄ H ₁₅ N M.W.: 197.28	
CL410	Mefenamic Acid Impurity-C 2-Chlorobenzoic Acid		CAS: 118-91-2 MF: C ₇ H ₅ ClO ₂ MW: 156.57	
	Meloxicam			
CL411	Meloxicam working Std. 4-hydroxy-2-methyl-N-(5-methyl-2-thiazolyl)-2H-1,2-benzothiazine-3-carboxamide-1,1-dioxide		CAS: 71125-38-7 MF: C ₁₄ H ₁₃ N ₃ O ₄ S ₂ MW: 351.41	
	Meprobromate			
CL412	Meprobromate working std.		CAS: 57-53-4 MF: C ₉ H ₁₈ N ₂ O ₄	
	Mesalazine / Mesalamine			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL413	Mesalamine USP 5-Amino-2-hydroxybenzoic acid		CAS:89-57-6 MF:C7H7NO3 MW:153.14	
CL414	Mesalazine Impurity-A 4-Aminophenol, p-Aminophenol, 4-Hydroxyaniline		23-30-8 MF:H2NC6H4OH MW:109.13	
CL415	Mesalazine Impurity-C 2-Amino phenol		CAS:95-55-6 MF:C6H7NO MW:109.13	
CL416	Mesalamine Impurity-F 3-Aminosalicylic Acid		CAS:570-23-0 MF:C7H7NO3 MW:153.14	
CL417	Mesalamine Impurity-G 2,5-Dihydroxybenzoic Acid, DHB, Gentisic acid, Hydroquinonecarboxylic acid		CAS:490-79-9 MF:C7H6O4 MW:154.12	
CL418	Mesalamine Impurity-H		CAS:69-72-7 MF:C7H6O3 MW:138.12	
CL419	Mesalamine Impurity-I 5-(phenylazo)salicylic acid		CAS:3147-53-3 MF:C13H10N2O3 MW: 242.24	
CL420	Mesalamine Impurity-K Aniline		CAS:142-04-1 MF:C6H7N.HCl MW: 93.13 36.46	

PRODUCT LIST: 2017-2018
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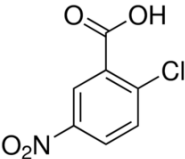
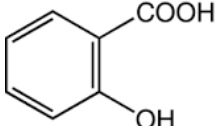
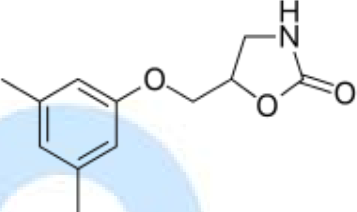
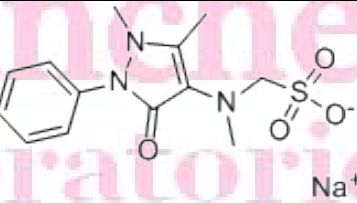
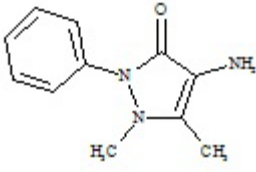
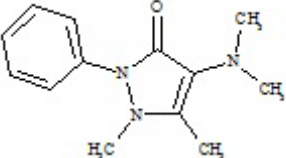
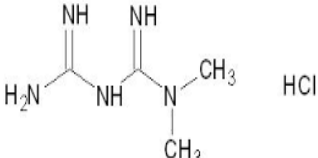
CL421	Mesalamine Impurity-L 2-Chlorobenzoic Acid		CAS:118-91-2 MF:C7H5Cl O2 MW:156.57	
CL422	Mesalamine Impurity-N (5-Nitrosalicylic Acid)		CAS No. 96-97-9 C7H5NO5 M.W. 183.12	
CL423	Mesalamine Impurity (3-Nitrosalicylic Acid)		CAS:85-38-1 MF:C7H5NO5 MW:183.12	
CL424	Mesalamine Impurity-E 4-Amino salicylic Acid.		CAS: 65-49-6 MF:C7H7NO3 MW:153.135	
CL425	Mesalamine Impurity 3-Chlorobenzoic acid		CAS:535-80-8 MF:C7H5Cl O2 MW:156.57	
CL426	Mesalamine Impurity-O Sulphanilic Acid		CAS:121-57-3 MF: C6H7NO3S MW:173.19	
CL427	Mesalamine Impurity 4-HydroxyIsophthalic Acid		CAS:636-46-4 MF:C8H6O5 MW:182.13	
CL428	Mesalamine Impurity 3-Amino Phenol		CAS: 591-27-5 MF:C ₆ H ₇ NO MW:109.13	

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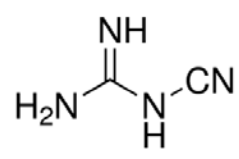
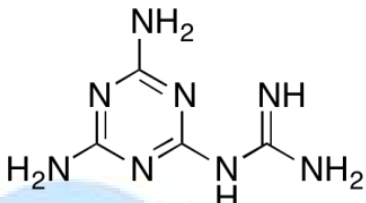
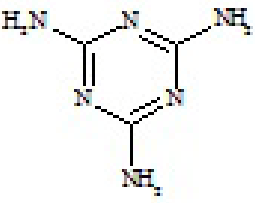
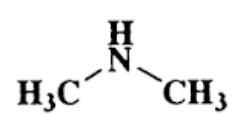
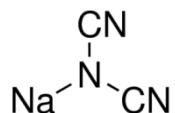
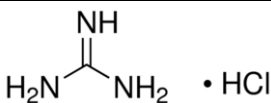
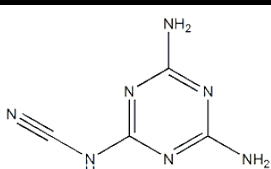
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CL429	Mesalamine Impurity 2-chloro-5-nitro benzoic Acid		CAS: 2516-96-3 MF:C7H4Cl NO4 MW:201.56	
	Mesalazine			
CL430	Mesalazine Impurity- H Salicylic acid		CAS:69-72-7 MF: C7H6O3 MW: 138.12	
	Metaxalone			
CL431	Metaxalone working std.		CAS:1665- 48-1 MF: C ₁₂ H ₁₅ NO ₃	
	Metamizole sodium			
CL432	Metamizole sodium working std.		CAS :68-89- 3 MF:C ₁₃ H ₁₇ N ₃ O ₄ S	
CL433	Metamizole Impurity B Ampyrone		CAS: 83-07- 8 MF: C ₁₁ H ₁₃ N ₃ O MW: 203.25	
CL434	Metamizole Impurity D		CAS: 58-15- 1 MF: C ₁₃ H ₁₇ N ₃ O MW: 231.30	
	Metformin			
CL435	Metformin hydrochlorideBP/EP		CAS: 1115- 70-4 MF: C ₄ H ₁₂ ClN ₅	

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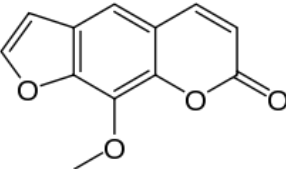
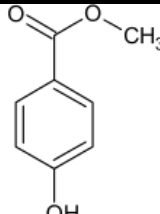
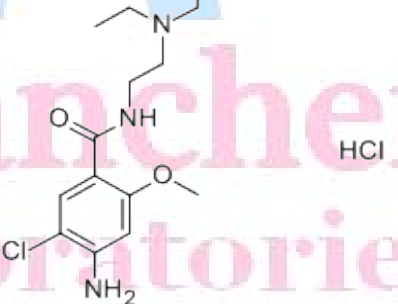
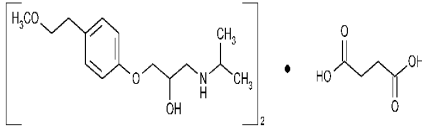
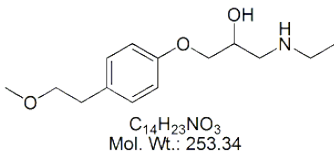
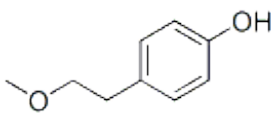
CL436	Metformin Impurity-A Metformin Related compound-A 2-Cyanoguanidine 1-Cyanoguanidine (Dicyandiamide)		61-58-5 H ₄ N ₄ 4.08	
CL437	Metformin Impurity-B N-(4-Amino-3,6-dihydro-6-imino-1,3,5-triazin-2-yl)-guanidine; (4,6-Diamino-1,3,5-triazin-2-yl)-guanidine; (4,6-Diamino-s-triazin-2-yl)-guanidine; (Aminoiminomethyl)-1,3,5-triazine-2,4,6-triamine; Monoguanylmelamine; N-(4-Amino-3,6-dihydro-6-imino-1,3,5-triazin-2-yl)guanidine		405-08-7 4H8N8 68.16	
CL438	Metformin Impurity-D Melamine 2,4,6-Triamino-1,3,5-triazine Monomer		108-78-1 3H6N6 26.12	
CL439	Metformin Impurity-F Methanamine, N-Methyl Methanamine, N,N-Dimethylamine		24-40-3 2H7N 5.08	
CL440	Sodium Dicyanamide		CAS:1934-75-4 2H3Na 9.03	
CL441	Guanidine . HCl Carbamimidoylazanium chloride		0-01-1 H5N3 5.53	
CL442	Cyanomelamine Diamino-[1,3,5]triazin-2-yl)-carbamonitril, 2-Cyanamino-4,6-diamino-1,3,5-triazin,		496-98-8 4H5N7 51.13	

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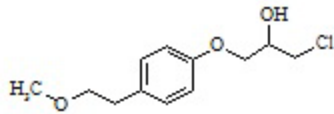
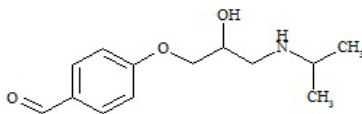
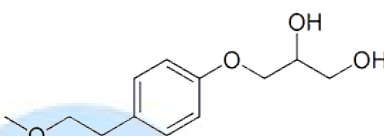
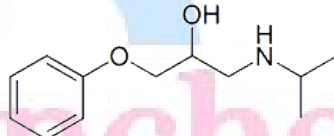
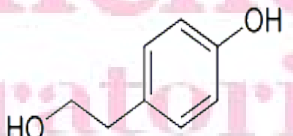
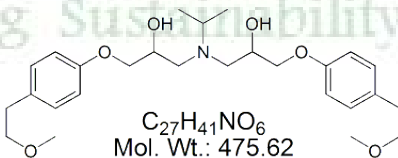
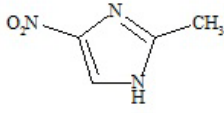
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	Methoxsalen			
CL443	Methoxsalen working std		98-81-7 12H ₈ O ₄	
	Methylparaben			
CL444	Methylparaben Working Std.		99-76-3 8H ₈ O ₃	
	Metoclopramide HCl			
CL445	Metoclopramide HCl working std.	 HCl	4143-57-6 4H ₂₂ CIN ₃ O ₂	
	Metoprolol			
CL446	Metoprolol succinate		CAS: 98418-47-4 MF: C ₃₄ H ₅₆ N ₂ O ₁₀	
CL447	Metoprolol EP Impurity A (2RS)-1-(Ethylamino)-3-[4-(2-methoxyethyl)phenoxy]propan-2-ol, Metoprolol Related Compound-A	 C ₁₄ H ₂₃ NO ₃ Mol. Wt.: 253.34	CAS:109632-08-8 MF:C14H ₂₃ NO ₃ MW:253.34	
CL448	Metoprolol Impurity-B p-(2-Methoxyethyl)phenol		CAS:56718-71-9 MF:C ₉ H ₁₂ O ₂	

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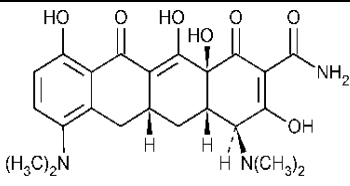
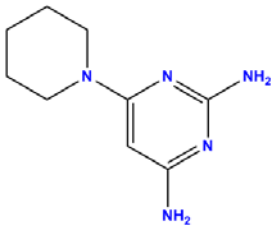
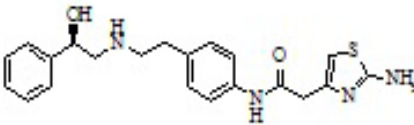
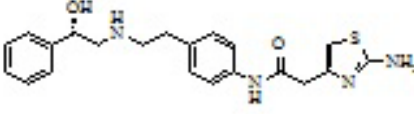
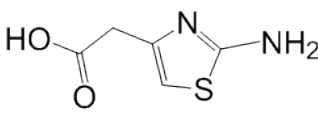
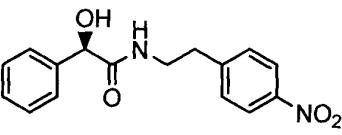
			MW:152.19	
CL449	Metoprolol Related Compound B		CAS:56718-76-4 MF:C12H17ClO3 MW:244.72	
CL450	Metoprolol Impurity C Metoprolol Related Compound-A 4-[(2RS)-2-Hydroxy-3-[(1-methylethyl)amino]propoxy]benzaldehyde		CAS:29122-74-5 MF: C13H19NO3 MW:237.30	
CL451	Metoprolol Impurity D (2RS)-3-[4-(2-Methoxyethyl)phenoxy]propane-1,2-diol		CAS:62572-90-1 MF: C12H18O4 MW:226.27	
CL452	Metoprolol Impurity F (2RS)-1-[(1-Methylethyl)amino]-3-phenoxypropan-2-ol		CAS: 7695-63-8 MF: C12H19NO2 MW:209.28	
CL453	Metoprolol Impurity G 2-(4-Hydroxyphenyl)ethanol		CAS: 7695-63-8 MF: C12H19NO2 MW:209.28	
CL454	Metoprolol Impurity O Metoprolol USP RC D ;	 C ₂₇ H ₄₁ NO ₆ Mol. Wt.: 475.62	CAS:154784-36-8 MF: C27H41NO6 MW:475.62	
	Metronidazole			
CL455	Metronidazole Impurity-A 2-Methyl 5-nitroimidazole		CAS No. 696-23-1 M.F.: C4H5N3O2 M.W.: 127.10	
	Minocycline HCl			

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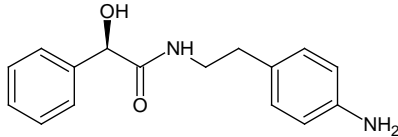
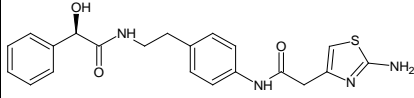
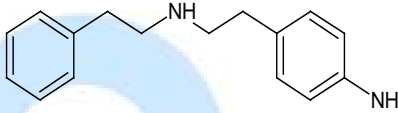
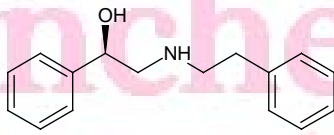
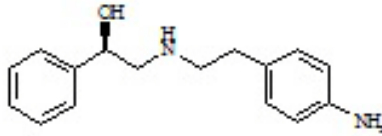
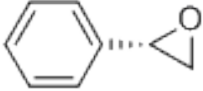
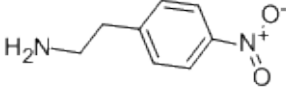
CL456	Minocycline HCl working Std		13614-98-7 C ₂₈ H ₃₄ N ₃ O ₇	
	Minoxidil			
CL457	Minoxidil Impurity-E 6-(piperidin-1-yl)pyrimidine-2,4-diamine (desoxyminoxidil)		MF: C ₉ H ₁₅ N ₅ MW: 193.25	
	Mirabegron			
CL458	Mirabegron working std. R-Isomer		CAS: MF: C ₂₁ H ₂₄ N ₄ O 2S MW: 396.52	
CL459	(S - isomer)- Mirabegron Impurity-1 (TLC) Enantiomer 2-(2-amino-1,3-thiazol-4-yl)-N-(4-(2-[(2S)(2-hydroxy-2-phenylethyl)amino)ethyl]phenyl)acetamide		MF: C ₂₁ H ₂₄ N ₄ O 2S MW: 396.51	
CL460	Mirabegron Impurity-7 2-(2-aminothiazol-4-yl)acetic acid (ATAA)		CAS: 29676-71-9 MF: C ₅ H ₆ N ₂ O ₂ S MW: 158.18	
CL461	Mirabegron Impurity-A (2R) -2 hydroxy-N [2,(4-nitrophenyl)ethyl]-2 phenyl ethanamide		CAS: 521284-19-5 MF: C ₁₆ H ₁₆ N ₂ O ₄ MW: 300.31	

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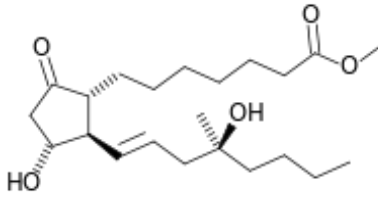
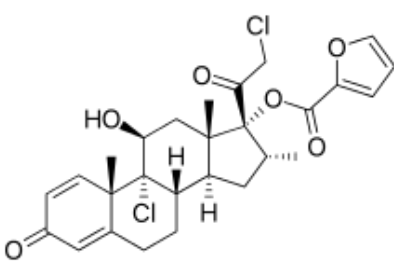
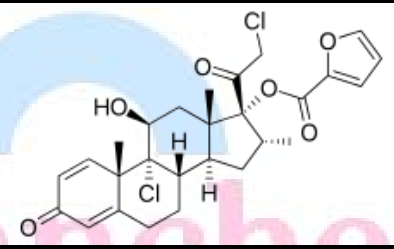
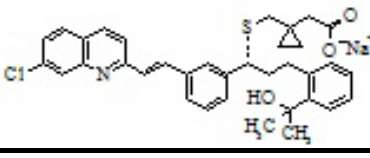
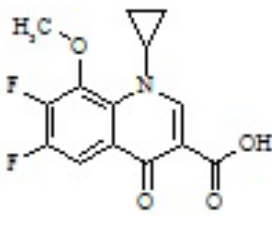
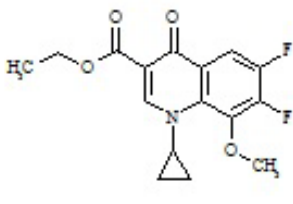
CL462	Mirabegron Impurity-C (2R)-N-[2-(4-aminophenyl)ethyl]-2-hydroxy-2-phenylacetamide		CAS: MF: C ₁₆ H ₁₈ N ₂ O ₂ MW: 270.33	
CL463	Mirabegron Impurity-D 2-(2-amino-1,3-thiazol-4-yl)-N-(4-(2-[(2R)(2-hydroxy-2-phenylethyl)amide)ethyl]phenyl)acetamide		CAS: MF: C ₂₁ H ₂₂ N ₄ O ₃ S MW: 410.49	
CL464	Mirabegron Impurity-F 4-{2-[(2-phenylethyl)amino]ethyl}aniline		CAS: MF: C ₁₆ H ₂₀ N ₂ MW: 240.34	
CL465	Mirabegron Impurity-G 1R)-1-phenyl-2-[(2-phenylethyl)amino]ethanol hydrochloride		CAS: MF: C ₁₆ H ₁₉ NO MW: 241.33	
CL466	Mirabegron Acetamide impurity			
CL467	Mirabegron Impurity-6		CAS- 521 284-22-0 M.F:C16H20 N2O M.W.: 256.35	
CL468	(R)-(+)-Styrene oxide		CAS: 20780-53-4 C ₈ H ₈ O 120.15	
CL469	2-(4-Nitrophenyl)ethylamine hydrochloride	HCl 	CAS:29968-78-3 MF:C8H11C IN2O2 MW: 202.64	
	Misoprostol			

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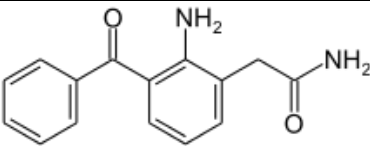
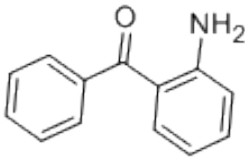
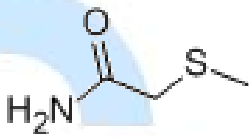
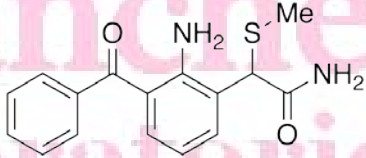
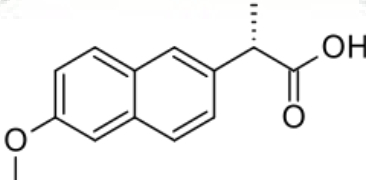
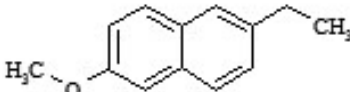
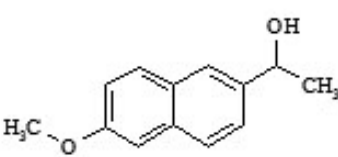
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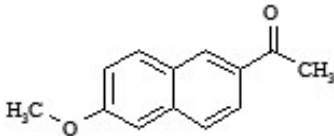
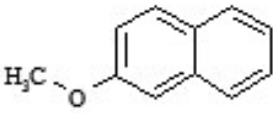
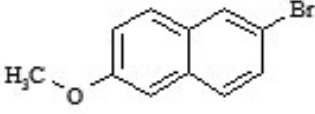
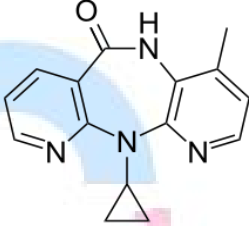
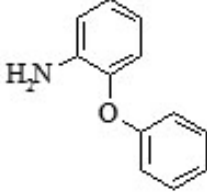
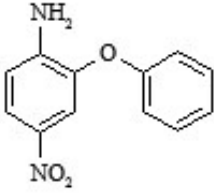
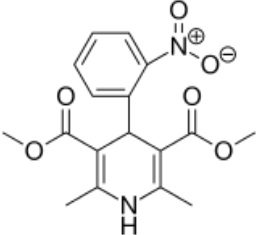
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL470	Misoprostol working std.		9122-46-2 C ₂₇ H ₃₈ O ₅	
	Mometasone furoate			
CL471	Mometasone furoate working std.		CAS: 105102-22-5 CAS: 83919-23-7 MF: C ₂₂ H ₂₈ Cl ₂ O ₄ C ₂₇ H ₃₀ O ₆ Cl ₂ as Furoate	
CL472	Mometasone base working std		105102-22-5 C ₂₇ H ₂₈ Cl ₂ O ₄ Mometasone	
CL473	Montelukast sodium salt			
	Montelukast sodium salt working Std.		CAS :151767-02-1 MF: C ₃₅ H ₃₅ ClNO ₃ S. Na	
	Moxifloxacin			
CL474	Moxifloxacin Impurity (1-Cyclopropyl-6,7-Difluoro-8-Methoxy-4-Oxo-1,4-Dihydroquinoline-3-Carboxylic Acid)		CAS: 112811-72-0 MF: C ₁₄ H ₁₁ F ₂ N ₂ O ₄ MW: 295.24	
CL475	Moxifloxacin Impurity (8-Methoxy Quinolonic Ethyl Ester)		CAS: 112811-71-9 M.F.: C ₁₆ H ₁₅ F ₂ N ₂ O ₄ MW: 323.30	

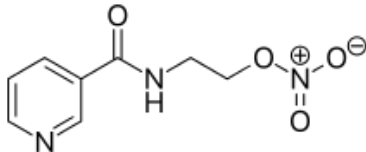
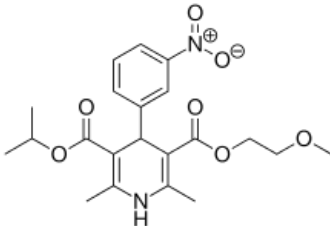
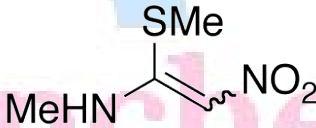
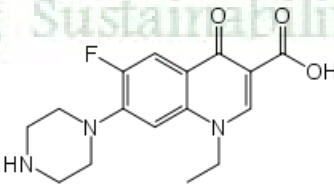
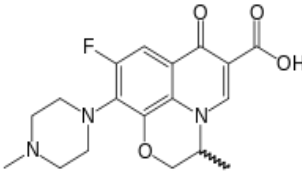
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Nitrendipine			
CL476	Nitrendipine Impurity Methyl 3-aminocrotonate		CAS: 14205-39-1 M.F:C5H9NO2 MW: 115.13	
	Nepafenac			
CL477	Nepafenac Working Std.		8281-72-8 C ₁₅ H ₁₄ N ₂ O ₂ MW:254.28	
CL478	2-Amino benzophenone		2835-77-0 C ₁₃ H ₁₁ NO 197.23	
CL479	2-methyl sulphonyl acetamide / 2-(Methylthio)acetamide		CAS:22551-24-2 MF:C3H7NOS MW:105.16	
CL480	Nepafenac Impurity 2 2-Amino-3-benzoyl-α-(methylthio)benzeneacetamide		CAS:78281-61-5 MF:C ₁₆ H ₁₆ N ₂ O ₂ S MW:300.38	
	Naproxen			
CL481	Naproxen working std.		22204-53-1 C ₁₄ H ₁₄ O ₃	
CL482	Naproxen Impurity-J (EP)			
CL483	Naproxen Impurity-K (EP)			

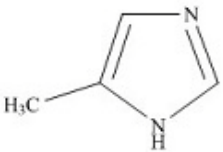
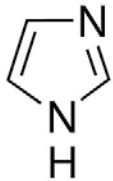
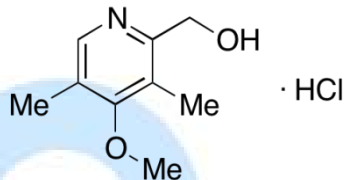
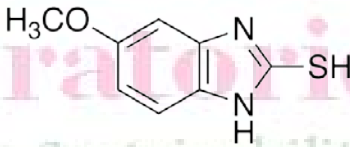
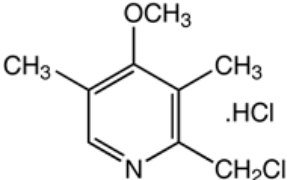
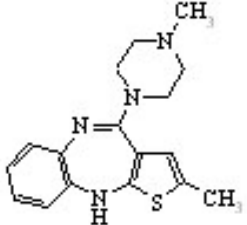
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL484	Naproxen Impurity-L (EP)			
CL485	Naproxen Impurity-M (EP)			
CL486	Naproxen Impurity-N (EP)			
	Nevirpine			
CL487	Nevirpine working std.		29618-40-2 5H ₁₄ N ₄ O	
	Nimesulide			
CL488	Nimesulide Impurity-C 2-phenoxyaniline,		MF:C ₁₂ H ₁₁ NO MW:185.23	
CL489	Nimesulide Impurity-D 4-nitro-2-phenoxyaniline		MF:C ₁₂ H ₁₀ N ₂ O ₃ M.W.: 230.23	
	Nifedipine			
CL490	Nifedipine working std.		21829-25-4 7H ₁₈ N ₂ O ₆	

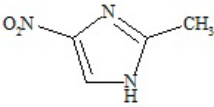
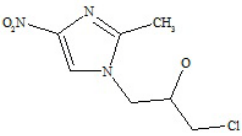
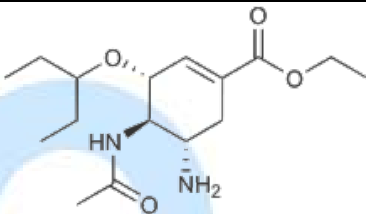
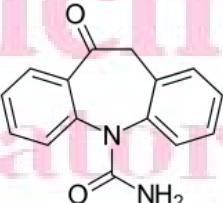
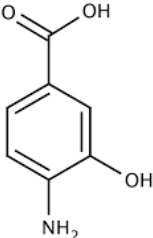
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Nicorandil			
CL491	Nicorandil working std.		5141-46-0 H ₉ N ₃ O ₄	
	Nimodipine			
CL492	Nimodipine working std.		6085-59-4 C ₂₆ H ₂₆ N ₂ O ₇	
	Nizatidine			
CL493	Nizatidine Impurity B N-Methyl-1-(methylthio)-2-nitroethenamine; 1-(Methylamino)-1-(methylthio)-2-nitroethene; 2-(Methylthio)-2-(methylamino)-1-nitroethene;		CAS: 61832-41-5 MF: C ₄ H ₈ N ₂ O ₂ S MW: 148.18	
	Norfloxacin			
CL494	Norfloxacin working std.		CAS: 70458-96-7 MF:- C ₁₆ H ₁₈ FN ₃ O ₃	
	Ofloxacin			
CL495	Ofloxacin Working Std IP		2419-36-1 C ₁₈ H ₂₀ FN ₃ O ₄	
	Ondansetron			

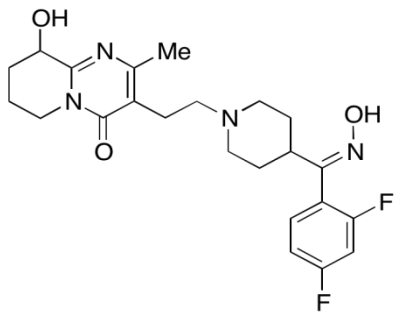
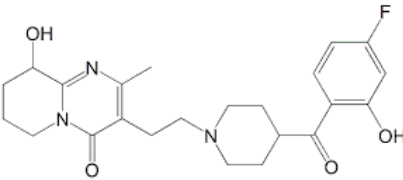
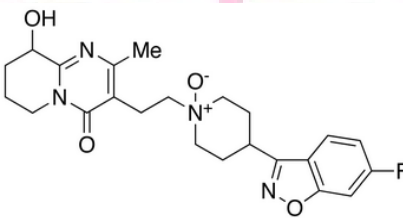
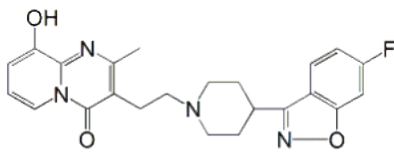
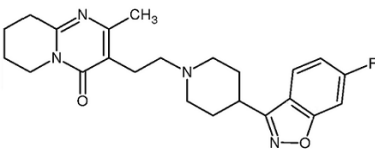
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL496	Ondansetron Impurity F 2-Methyl-1H-imidazole		CAS No. 693-98-1 C ₄ H ₆ N ₂ M. W. 82.11	
CL497	Ondansetran Impurity-E Imidazole		CAS:288-32-4 MF: C ₃ H ₄ N ₂ MW:68.08	
	Omeprazole			
CL498	Omeprazole Impurity-1 4-Methoxy-3,5-dimethyl-2-pyridinemethanol HCl , (4-methoxy-3,5-dimethylpyridin-2-yl)methanol. HCl		CAS: 86604-78-6 MF: C ₉ H ₁₄ ClNO ₂ MW: 203.67	
CL499	Omeprazole Impurity A ; Omeprazole Related compound B 5-Methoxy-1H-Benzimidazole-2-Thiol; 1,3-Dihydro-5-methoxy-2H-benzimidazole-2-thione; 2-Mercapto-5-methoxy-1H-benzimidazole;		CAS: 37052-78-1 MF: C ₈ H ₈ N ₂ OS MW: 180.23	
CL500	Omeprazole Impurity-XI 2-Chloromethyl-3,5-dimethyl-4-methoxypyridine HCl		CAS: 86604-75-3 MF:C ₉ H ₁₂ ClNO MW:185.65	
	Olanzapine			
CL501	Olanzapine Working Std		CAS:132539-06-1 MF:C ₁₇ H ₂₀ N ₄ S MW: 312.44	

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	Ornidazole			
CL502	Ornidazole Impurity B 2-Methyl 5-nitro imidazole		CAS No. 696-23-1 M.F.: C ₄ H ₅ N ₃ O ₂ M.W.: 127.10	
CL503	Ornidazole Impurity D		M.F.: C ₇ H ₁₀ ClN ₃ O ₃ M.W.: 219.63	
	Oseltamivir			
CL504	Oseltamivir working std.		CAS:196618 -13-0 MF:C ₁₆ H ₂₈ N ₂ O ₄	
	Oxcarbazepine			
CL505	Oxcarbazepine working std.		8721-07-5 C ₁₅ H ₁₂ N ₂ O ₂	
	Oxybuprocaine			
CL506	Oxybuprocaine Impurity 4-Amino-3-hydroxybenzoic Acid, 3-Hydroxy-p-aminobenzoic Acid		CAS: 2374-03-0 MF: C ₇ H ₇ NO ₃ MW: 153.14	
	Paliperidone			

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Impurity, Working standards and Metabolites

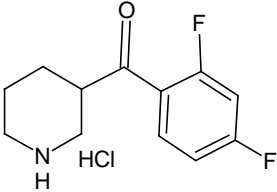
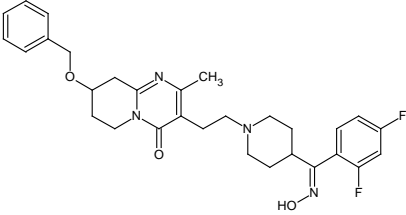
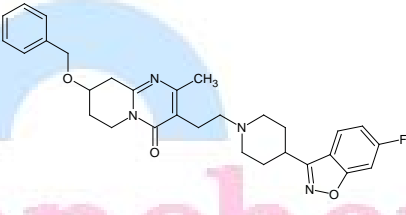
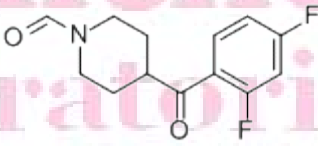
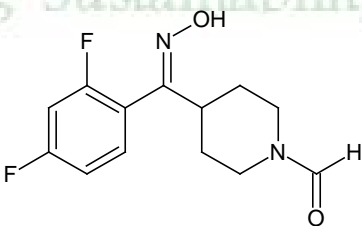
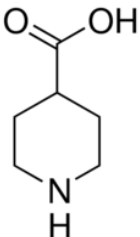
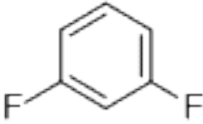
CL507	Paliperidone E-oxime 3-[2-[4-(E)-(2,4-Difluorophenyl)(hydroxymimino)methyl]-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one; Paliperidone Impurity G		388021-46-2 23H28N4O3 46.49	
CL508	Paliperidone hydroxy benzoyl analog 3-[2-[4-(4-Fluoro-2-hydroxybenzoyl)-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one	 $C_{23}H_{28}FN_3O_4$ Mol. Wt.: 429.48	CAS:152542-03-5 MW:429.48 MF:C23H28FN3O4	
CL509	Paliperidone N-Oxide 3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-oxido-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one; 9-Hydroxy Risperidone N-Oxide		61460-08-6 23H27FN4O4 42.48	
CL510	Paliperidone Tetrahydro Impurity 6,7,8,9-Dehydro 9-Hydroxy Risperidone ; 3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]ethyl]-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one	 $C_{23}H_{23}FN_4O_3$ Mol. Wt.: 422.45	70359-61-2 23H23FN4O3 22.45	
CL511	Paliperidone Impurity E 3-[2-[6-Fluoro-1,2-benzisoxazol-3-yl]-1-piperidinyl]ethyl]-			

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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

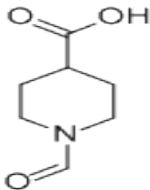
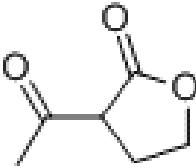

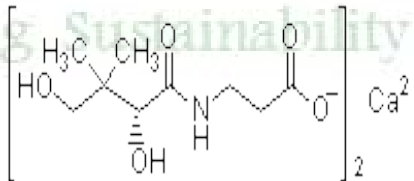
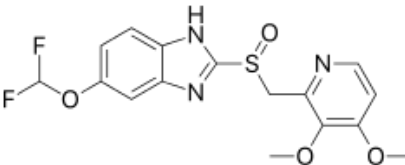
	6,7,8,9-tetra hydro-2-methyl-4H-pyridol[1,2-a]pyrimidin-4-one			
CL512	(2,4-Difluorophenyl)(4-piperidinyl)methanone hydrochloride		CAS: MF:C ₁₂ H ₁₄ Cl F ₂ NO MW:261.695	
CL513	Paliperidone Impurity-F Benzyl oxime impurity		CAS: MF:C ₃₀ H ₃₄ F ₂ N ₄ O ₃ MW:536.61	
CL514	Paliperidone Impurity-G		CAS: MF:C ₃₀ H ₃₃ F ₁ N ₄ O ₃ MW:516.61	
CL515	Paliperidone Impurity-H 4-(2,4-Difluorobenzoyl piperidine-1-carbaldehyde)		CAS:84162-80-1 MF:C ₁₃ H ₁₃ F ₂ NO ₂ MW: 253.24	
CL516	Paliperidone Impurity-I 4-[(E)-(2,4-difluorophenyl)(hydroxymino)methyl]piperidine-1-carbaldehyde		CAS: MF:C ₁₃ H ₁₄ F ₂ N ₂ O ₂ MW: 268.25	
CL517	Paliperidone Impurity-J Isonipecotic acid 4-Piperidinecarboxylic acid, Hexahydroisonicotinic acid		CAS:498-94-2 MF: C ₆ H ₁₁ NO ₂ MW: 129.16	
CL518	Paliperidone Impurity-K 1,3-Difluorobenzene		CAS:372-18-9 MF: C ₆ H ₄ F ₂ MW: 114.09	

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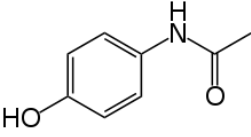
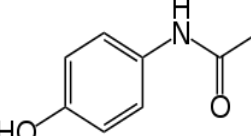
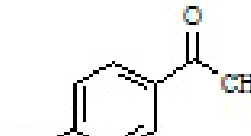
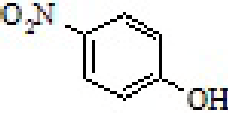
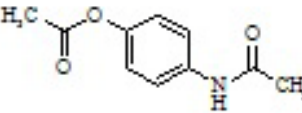
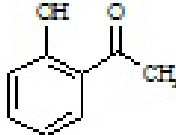
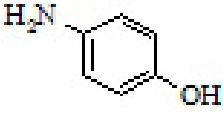
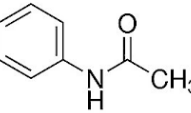
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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL519	Paliperidone Impurity-L N-Formyl Isonipecotic acid 1-formyl-piperidine-4-carboxylic acid;4-Piperidinecarboxylic acid, 1-formyl		CAS:84163-42-8 MF:C7H11NO3 MW: 157.17	
CL520	Paliperidone Impurity-M 2-Acetyl-1-Butyrolactone 2-Acetylbutyrolactone		CAS:517-23-7 MF:6H8O3 MW:128.13	
CL521	Paliperidone Impurity-N (Process Impurity @ RT-43 min)		CAS: MF: MW:	
CL522	Paliperidone Impurity-1 3-(2-chloroethyl)-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one		CAS: MF:	
	D-pantothenic acid calcium			
CL523	D-pantothenic acid calcium working Std.		137-08-6 MF:C ₁₈ H ₃₂ C aN ₂ O ₁₀	
	Pantoprazole			
CL524	Pantoprazole working Std.		CAS :102625-70-7 MF:C ₁₆ H ₁₅ F ₂ N ₃ O ₄ S	
	Paracetamol (Acetaminophen)			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

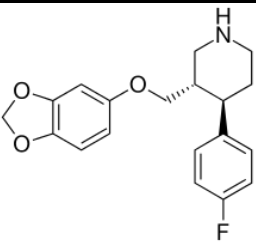
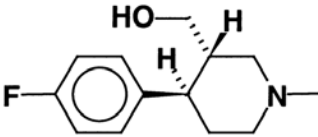
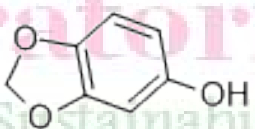
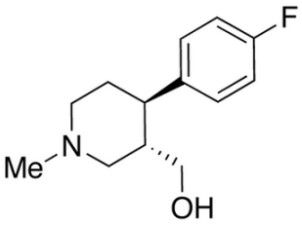
CL525	Paracetamo working std.		CAS:103-90-2 MF:C ₈ H ₉ NO ₂ MW:151.16	
CL526	Paracetamol Working Std. BP		CAS:-103-90-2 MF:- C ₈ H ₉ NO ₂	
CL527	Paracetamol Impurity-E		CAS: 99-93-4 MF:C ₈ H ₈ O ₂ MW:136.15	
CL528	Acetaminophen Impurity-F Paracetamol Impurity-F		CAS:100-02-7 MF:C ₆ H ₅ NO ₃ MW:139.11	
CL529	Acetaminophen Impurity H Paracetamol Impurity-H		CAS:2623-33-8 MF:C ₁₀ H ₁₁ NO ₃ MW:193.20	
CL530	Paracetamol Impurity-I		CAS:118-93-4 MF:C ₈ H ₈ O ₂ MW:136.15	
CL531	Acetaminophen Impurity K Paracetamol Impurity-K		CAS: 123-30-8 MF:C ₆ H ₇ NO MW:109.13	
CL532	Paracetamol EP Impurity D (Acetaminophen Related Compound D)		CAS:103-84-4 MF:C ₈ H ₉ NO MW:135.16	
	Paroxetine			

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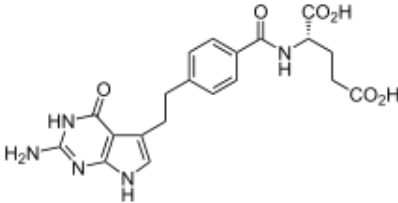
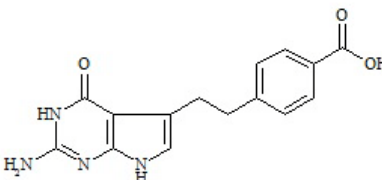
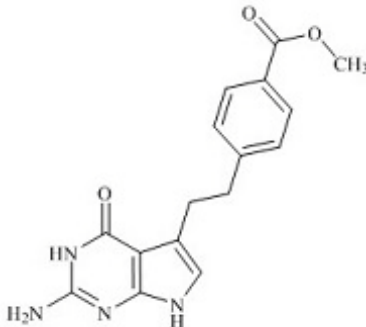
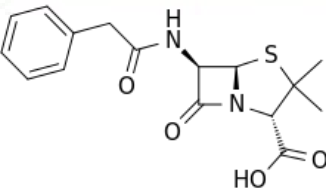
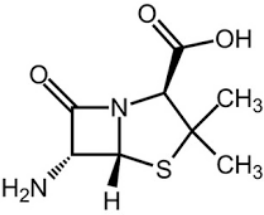
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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL533	Paroxetine working std. - USP (3S,4R)-3-[(2H-1,3-benzodioxol-5-yloxy)methyl]-4-(4-fluorophenyl)piperidine			
	Paroxetine carbamate			
CL534	Paroxetine KRM Other Isomer (3R,4S)-4-(4-Fluorophenyl)-1-methyl-3-piperidinemethanol; (+)-Paroxol; (+)-trans-4-(4'-Fluorophenyl)-3-hydroxymethyl-1-methylpiperidine; (3R,4S)-4-(4-Fluorophenyl)-3-hydroxymethyl-1-methylpiperidine;		CAS: 389573-45-9 MF:C ₁₃ H ₁₈ F NO MW:223.29	
CL535	Paroxetine Trans Racimate (3RS,4SR)-4-(4-Fluorophenyl)-3-hydroxymethyl-1-methylpiperidine(Trans Racimate)		CAS: MF: MW:	
CL536	Paroxetine KRM 5-Hydroxy-1,3-benzodioxole 3,4-Methylenedioxyphenol		CAS: 533-31-3 MF: C ₇ H ₆ O ₃ MW:138.12	
CL537	Paroxetine KRM 4R,3S)-4-(4-Fluorophenyl)-1-methyl-3-piperidinemethanol; (3S-trans)-4-(4-Fluorophenyl)-1-methyl-3-piperidinemethano		CAS:105812-81-5 MF:C ₁₃ H ₁₈ F NO MW:223.29	
	Pemetrexed			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

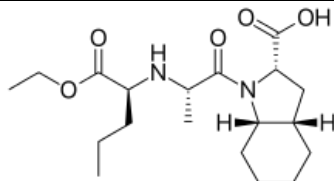
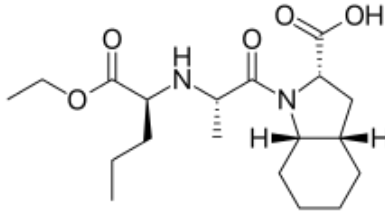
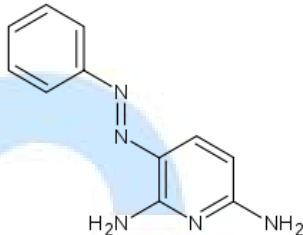
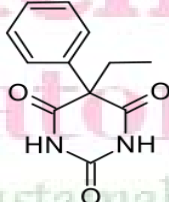
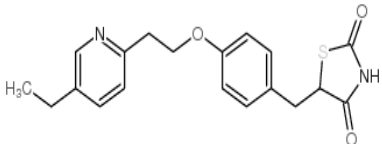
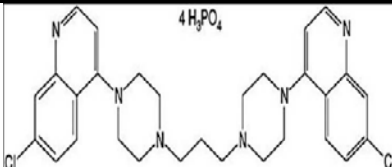
CL538	Pemetrexed working Std.		37281-23-3 MF: C ₂₀ H ₂₁ N ₅ O ₆ 27.41	
CL539	Pemetrexed Impurity-A 4-[2-(2-Amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoic Acid		7281-39-1 MF:C15H14 N4O3 98.30	
CL540	Pemetrexed Impurity 9 4-[2-(2-Amino-4,7-dihydro-4-oxo-3H-pyrrolo[2,3-d]pyrimidin-5-yl)ethyl]benzoic Acid methyl ester		6H16N4O3 13.30	
CL541	Pemetrexed Methyl Ester		5405-81-5 2H25N5O6 55.47	
	Penicillin			
CL542	Penicillin-G potassium salt Working std. (2 <i>S</i> ,5 <i>R</i> ,6 <i>R</i>)-3,3-dimethyl-7-oxo-6-(2-phenylacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid		9-57-8 MF: C ₁₆ H ₁₈ N ₂ O ₄ S 34.4	
	Pipericillin			
	Pipericillin Impurity-H 6-Aminopenicillanic acid		CAS: 551-16-6 MF:C8H12N 2O3S MW:216.26	

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Impurity, Working standards and Metabolites

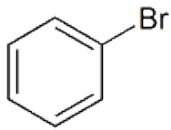
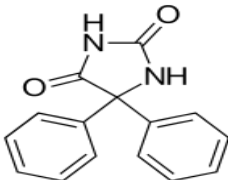
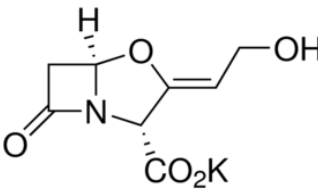
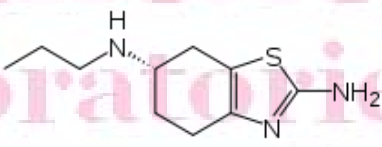
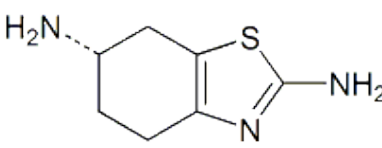
	Peridopril			
CL543	Peridopril working std.		2834-16-0 C ₁₉ H ₃₂ N ₂ O ₅	
CL544	Perindopril erbumine		CAS:82834-16-0 MF:C ₁₉ H ₃₂ N ₂ O ₅ MW:368.46	
	Phenazopyridine			
CL545	Phenazopyridine working std. 3-phenyldiazenylpyridine-2,6-diamine		CAS :94-78-0 MF: C ₁₁ H ₁₁ N ₅ MW: 213.25	
	Phenobarbital			
CL546	Phenobarbital working strd.		0-06-6 C ₁₂ H ₁₂ N ₂ O ₃	
CL547	Pioglitazone hydrochloride IP			
CL548	Pioglitazone hydrochloride Working Std. IP		12529-15-4 C ₁₉ H ₂₁ ClN ₂ O ₃ S 3S	
	Piperaquine phosphate			
CL549	Piperaquine phosphate working Std		4085-31-8 C ₂₉ H ₃₂ Cl ₂ N ₆ .4 H ₃ O ₄ P	

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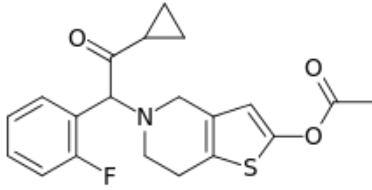
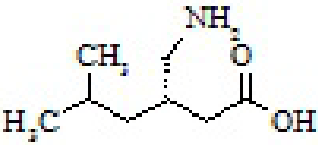
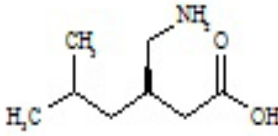
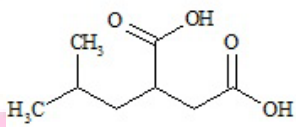
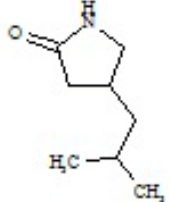
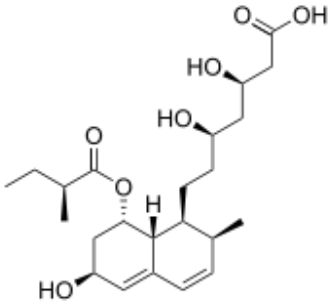
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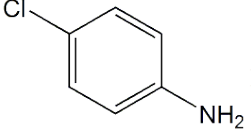
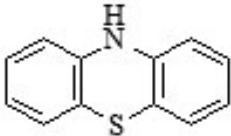
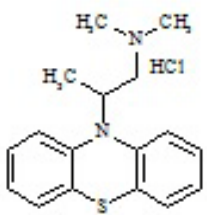
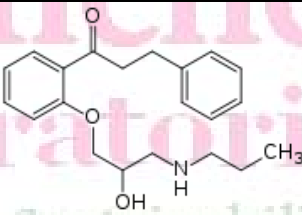

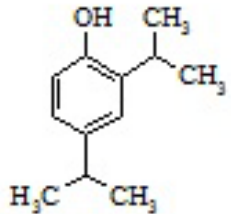
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL550				
CL551	Pirfenidone			
CL552	Pirfenidone impurity-D Bromobenzene.		08-86-1 5H5Br 57.01	
CL553				
CL554	Phenytoin			
CL555	Phenytoin working std.		7-41-0 5H ₁₂ N ₂ O ₂	
CL556				
CL557	Potassium clavulanate			
CL558	Potassium clavulanate Workingn Std.		CAS: 61177-45-5. MF: C ₈ H ₈ KN O ₅	
	Pramipexole			
CL559	Pramipexole working std. (S)-N ⁶ -propyl-4,5,6,7-tetrahydro-1,3-benzothiazole-2,6-diamine		CAS:104632-26-0 MF: C ₁₀ H ₁₇ N ₃ S MW:211.32	
CL560	Pramipexole Impurity A, Pramipexole Related compound A ; (S)-N-Despropyl Pramipexole (S)-(-)-2,6-Diamino-4,5,6,7-tetrahydrobenzothiazole ; 2,6-Diamino-4,5,6,7-tetrahydrobenzothiazole		CAS: 106092-09-5 MF: C ₇ H ₁₁ N ₃ S MW: 169.25	
	Prasugrel			

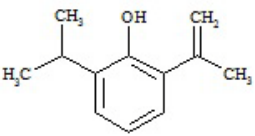
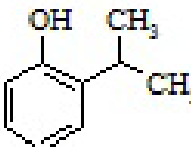
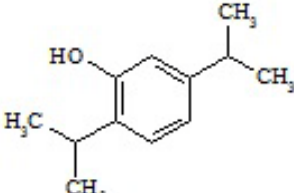
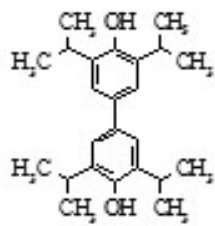
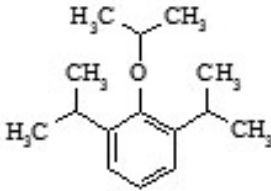
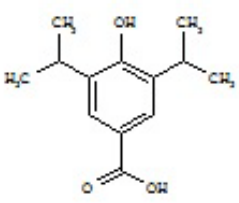
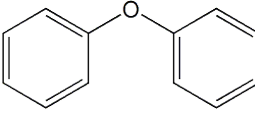
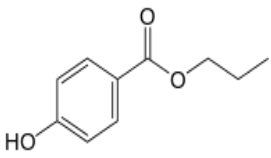
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL561	Prasugrel working std.		50322-43-3 C ₂₀ H ₂₀ FNO ₃ S	
	Pregabalin			
CL562	Pregabalin working std. (S)-3-(Aminomethyl)-5-methylhexanoic acid		CAS No. 148553-50-8 M.F.: C ₈ H ₁₇ NO ₂ M.W.: 159.2	
CL563	Pregabalin R- isomer (Other isomer)		CAS No. 148553-51-9 M.F.: C ₈ H ₁₇ NO ₂ M.W.: 159.23	
CL564	Pregabalin diacid Impurity		CAS No. M.F.: C ₈ H ₁₄ O ₄ M.W.: 174.20	
CL565	Pregabalin Lactum Impurity		CAS No. 61312-87-6 M.F.: C ₈ H ₁₅ NO M.W.: 141.213	
CL566 P	Pregabalin R-phenylethylamine salt			
CL567	Pregabalin S-phenylethylamine salt			
CL568				
CL569	Pravastatin			
CL570	Pravastatin working std.		1093-37-0 C ₃₆ H ₅₈ O ₇	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

	Proguanil		
CL571	Proguanil Impurity B 4-Chloroaniline HCl		CAS: 106-47-8 MF: C6H6ClN HCl MW: 127.57
	Promethazine		
CL572	Promethazine Impurity-A Phenothiazene		CAS: 92-84-2 M.F.: C12H9NS M.W.: 199.28
CL573	Promethazine Impurity-B Isopromethazine		CAS:5568-90-1 M.F.: C17H20N2S HCl M.W.: 284.43 36.46
	Propafenone		
CL574	Propafenone Working Standard		4063-53-5 H ₂₇ NO ₃
CL575	Propafenone Impurity-2 3-Chloro-1,2-propane diol		CAS:96-24-2 MF:C3H7Cl O2 MW: 110.54
	Propofol		
CL576	Propofol Impurity-A 2,4-bis(1-methylethyl) phenol		M.F.: C12H18O M.W.: 178.28

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

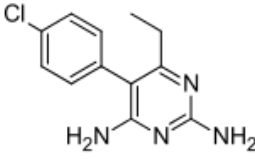
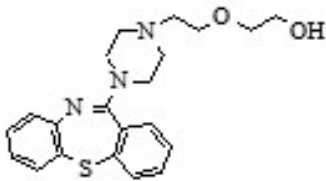
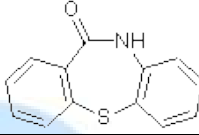
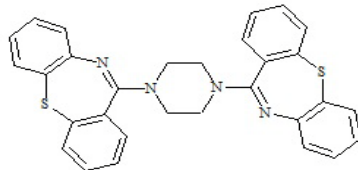
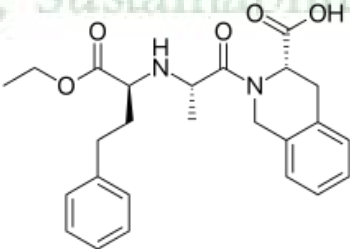
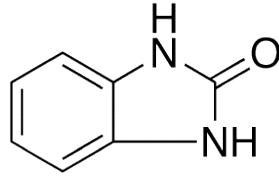
CL577	Propofol Impurity-B 2-(1-methylethenyl)-6-(1-methylethyl)phenol		M.F.: C ₁₂ H ₁₆ O M.W.: 176.26	
CL578	Propofol Impurity-C 2-(1-methylethyl)phenol		M.F.: C ₉ H ₁₂ O M.W.: 136.20	
CL579	Propofol Impurity-D 2,5-bis(1-methylethyl)phenol		M.F.: C ₁₂ H ₁₈ O M.W.: 178.28	
CL580	Propofol Impurity-E 3,3',5,5'-tetrakis(1-methylethyl)biphenyl-4,4'-diol		M.F.: C ₂₄ H ₃₄ O ₂ M.W.: 354.54	
CL581	Propofol Impurity-G 2-(1-methylethoxy)-1,3-bis(1-methylethyl)benzene		M.F.: C ₁₅ H ₂₄ O M.W.: 220.36	
CL582	Propofol Impurity-N 4-hydroxy-3,5-bis(1-methylethyl)benzoic acid		M.F.: C ₁₃ H ₁₈ O ₃ M.W.: 222.29	
CL583	Propofol Impurity I Oxydibenzene		CAS: 101-84-8 MF: C ₁₂ H ₁₀ O MW: 170.21	
	Propylparaben			
CL584	Propylparaben IP+Bp		CAS: 94-13-3 MF: C ₁₀ H ₁₂ O ₃	

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Impurity, Working standards and Metabolites

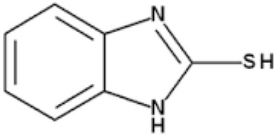
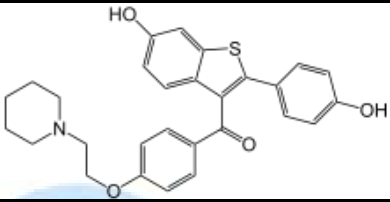
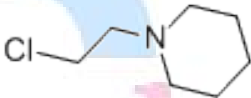
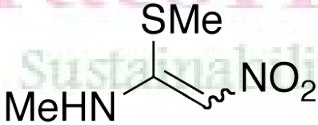
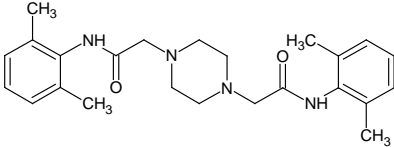
	Pyrimethamine			
CL585	Pyrimethamine working std. USP 5-(4-chlorophenyl)-6-ethyl- 2,4-pyrimidinediamine		8-14-0 MF: C ₁₂ H ₁₃ ClN ₄ MW:248.71	
	Quetapine			
CL586	Quetiapine working std.- USP		CAS.: 111974-69-7 MF: C ₂₁ H ₂₅ N ₃ O 2S MW: 383.52	
CL587	Dibenzo[b,f][1,4]thiazepin-11(10H)-one		3159-07-7 C ₁₃ H ₉ NOS 227.28	
CL588	Quetiapine Impurity-D Quetiapine Dimer Impurity		CAS No. 945668-94-0 M.F.: C ₃₀ H ₂₄ N ₄ S 2 M.W.: 504.68	
CL589	Quetiapine N-oxide			
	Quinapril			
CL590	Quinapril . HCl working std. - USP (3S)-2-[(2S)-2-[[[(2S)-1-ethoxy-1-oxo-4-phenylbutan-2-yl]amino]propanoyl]-3,4-dihydro-1H-isoquinoline-3-carboxylic acid		CAS:82586-55-8 MF:C ₂₅ H ₃₀ N ₂ O ₅ .HCl MW: 474.99	
	Rabeprazole			
CL591	Rabeprazole Impurity-K, Droperidol, 2-Hydroxybenzimidazole; 1,3-Dihydro-2H-benzimidazol-2-one; 2-		CAS: 615-16-7 MF: C ₇ H ₆ N ₂ O MW: 134.14	

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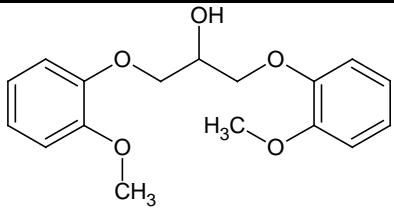
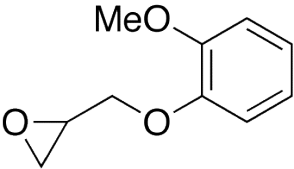
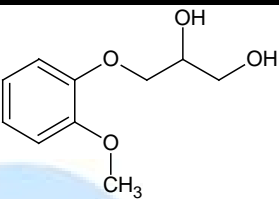
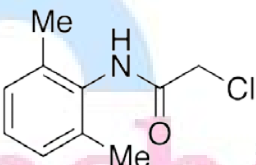
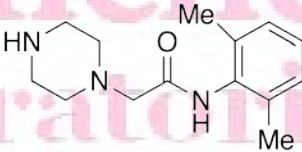

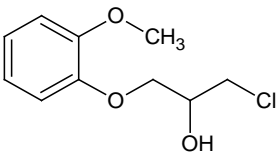
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Impurity, Working standards and Metabolites

	Benzimidazolinone; 2,3-Dihydro-2-oxo-1H-benzimidazole; 2-Benzimidazolol; 2-Benzimidazolone			
CL592	Rabeprazole Related Compound-C USP 2-Mercapto benzimidazole		CAS: 583-39-1 MF: C7H6N2S MW: 150.2	
	Raloxifene			
CL593	Raloxifene working std.		CAS:- 84449-90-1 MF:- C ₂₈ H ₂₇ NO ₄ S	
CL594	Raloxifene Impurity 4 2-Piperidinoethyl chloride hydrochloride		CAS: 2008-75-5 MF: C7H15ClN MW: 184.11	
	Ranitidine			
CL595	Ranitidine Impurity K N-Methyl-1-(methylthio)-2-nitroethenamine; 1-(Methylthio)-1-(methylthio)-2-nitroethene; 2-(Methylthio)-2-(methylamino)-1-nitroethene;		CAS: 61832-41-5 MF: C ₄ H ₈ N ₂ O ₂ S MW: 148.18	
	Ranolazine			
CL596	Ranolazine Impurity-A			
CL597	Ranolazine Impurity-B			

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Impurity, Working standards and Metabolites

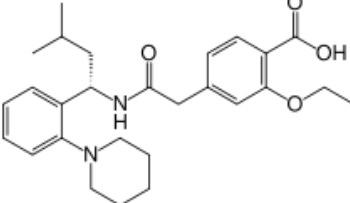
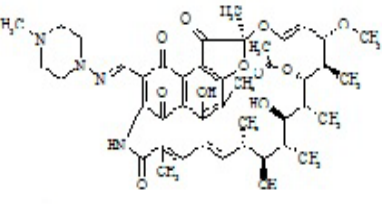
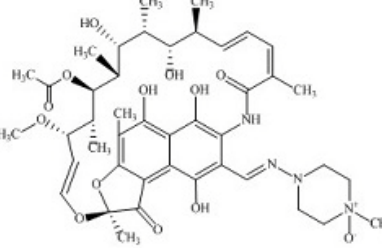
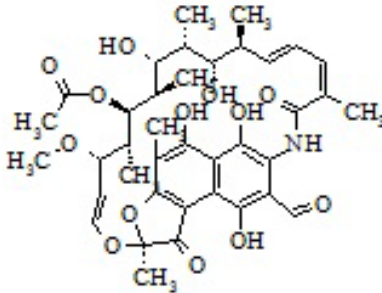
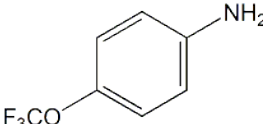
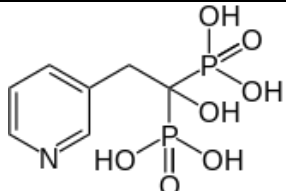
CL598	Ranolazine Impurity-C 1,3-bis(2-methoxyphenoxy)propan-2-ol			
CL599	Ranolazine Impurity 1 1-(2,3-Epoxypropoxy)-2-methoxybenzene; 1,2-Epoxy-3-(2-methoxyphenoxy)propane		CAS:2210-74-4 MF:C10H12O3 MW:180.2	
CL600	Ranolazine Impurity 2 3-(2-methoxyphenoxy)propan-1,2-diol		CAS:93-14-1 MF:C ₁₀ H ₁₄ O ₄ MW:198.2	
CL601	Ranolazine Impurity 3 2-CHLORO-N-(2,6-DIMETHYLPHENYL)ACETAMIDE		CAS: 1131-01-7 MF:C10H12ClNO MW:197.66	
CL602	Ranolazine Impurity 4 N-(2,6-DIMETHYLPHENYL)-1-PIPERAZINE ACETAMIDE		CAS:5294-61-1 MF:C14H21N3O MW:247.34	
CL603	Ranolazine Impurity 5 1-(2-methoxyphenoxy)-3-(piperazin-1-yl)propan-2-ol		CAS:162712-35-8 MF:C14H22N2O3 MW:266.33	
CL604	Ranolazine Impurity 6 1-chloro-3-(2-methoxyphenoxy)propan-2-ol		CAS:25772-81-0 MF:C10H13ClO3 MW:216.66	
	Repaglinide			

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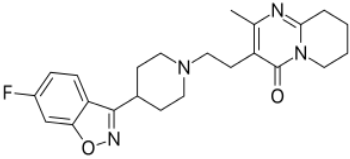
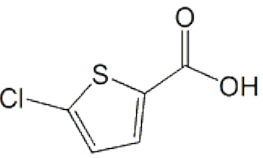
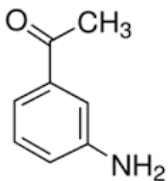
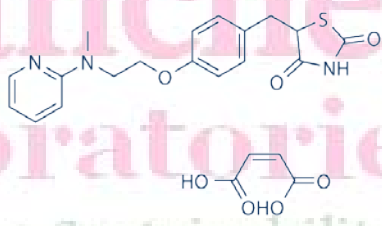
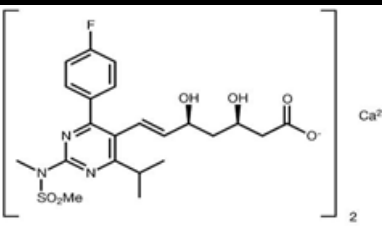
CL605	Repaglinide working std.		CAS: 135062-02-1 MF: C ₂₇ H ₃₆ N ₂ O ₄	
	Rifampicin			
CL606	Rifa Hydrazone			
CL607	Rifampicin quinone		CAS:13983-13-6 MF:C43H56N4O12 MW:820.95	
CL608	Rifampicin Impurity B Rifampicin N-oxide Rifaximin Imine-N-Oxide		CAS: 51963-55-4 MF: C43H58N4O13 MW:838.95	
CL609	3-Formyl Rifampicin		CAS:132922-22-3 MF: C38H47NO13 MW: 725.80	
	Riluzole			
CL610	Riluzole Related Compound-A 4-Trifluoromethoxyaniline		CAS:461-82-5 MF:C7H6F3NO MW:177.1	
	Risedronate sodium			
CL611	Risedronate sodium working std.amorphus		CAS:105462-24-6 MF:C ₇ H ₁₁ N O ₇ P ₂ MW:283.11	

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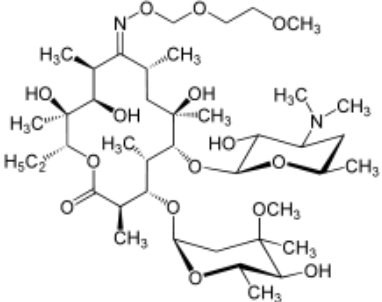
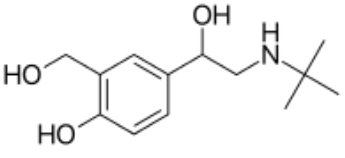
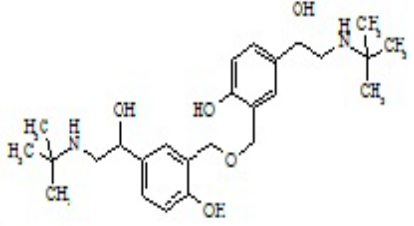
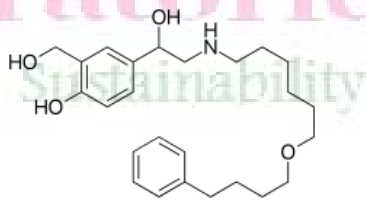
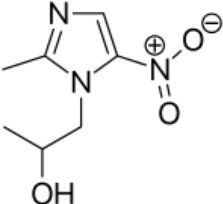
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	Risperidone			
CL612	Risperidone working std.		CAS: 59-66-5 MF: C ₂₄ H ₂₆ N ₄ O ₃ S ₂	
	Rivaroxaban			
CL613	Rivaroxaban Impurity C ; 5-Chlorothiophene-2-carboxylic acid		CAS:24065-33-6 MF:C ₅ H ₃ ClO ₂ S MW:162.59	
	Rivastigmine			
CL614	Rivastigmine Impurity 1 3-Aminoacetophenone		CAS: 99-03-6 MF: C ₈ H ₉ NO MW: 135.16	
	Rosiglitazone maleate			
CL615	Rosiglitazone maleate working std. 5-[[4-[2-(Methyl-2-pyridinylamino)ethoxy]phenyl]methyl]-2,4-thiazolidinedione (2Z)-2-Butenedioate		CAS: 155141-29-0 MF:C ₂₂ H ₂₃ N ₃ O ₇ S MW: 473.49892	
	Rosuvastatin calcium			
CL616	Rosuvastatin calcium Working Std		CAS:147098-20-2 MF:C ₄₄ H ₅₄ CaF ₂ N ₆ O ₁₂ S	
	Roxithromycin			

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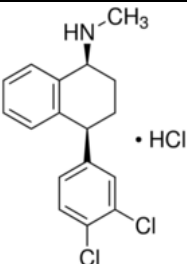
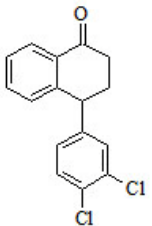
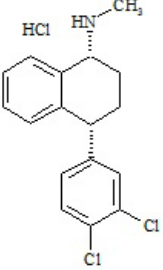
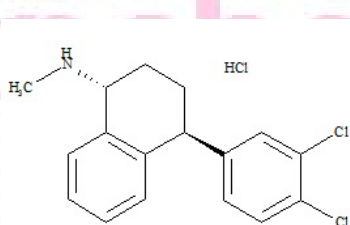
CL617	Roxithromycin working std.		CAS: 80214-83-1 MF: C ₄₁ H ₇₆ N ₂ O ₁₅	
	Salbutamol Sulphate			
CL618	Salbutamol Sulphate working std. (<i>RS</i>)-4-[2-(<i>tert</i> -Butylamino)-1-hydroxyethyl]-2-(hydroxymethyl)phenol		CAS:18559-94-9 MF: C ₁₃ H ₂₁ NO ₃ MW: 239.31	
CL619	Salbutamol Impurity-F (1 <i>RS</i>)-2-[benzyl(1,1-dimethylethyl)amino]-1-[4-hydroxy-3-(hydroxymethyl)phenyl]ethanol / Salbutamol Dimer Ether		CAS: MF:C ₂₆ H ₄₀ N ₂ O ₅ MW: 460.62	
	Salmeterol			
CL620	Salmeterol Xinafoate (<i>RS</i>)-2-(hydroxymethyl)-4-{1-hydroxy-2-[6-(4-phenylbutoxy)hexylamino]ethyl}phenol		CAS:89365-50-4 MF: C ₂₅ H ₃₇ NO ₄ MW:415.57	
	Secnidazole			
CL621	Secnidazole working std.		CAS: 3366-95-8 MF: C ₇ H ₁₁ N ₃ O ₃	
	Sertraline HCl			

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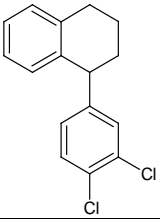
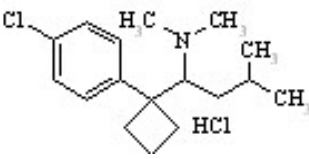
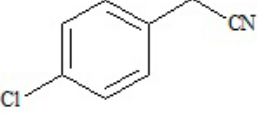

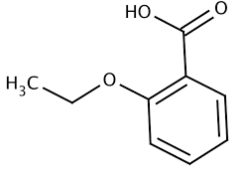
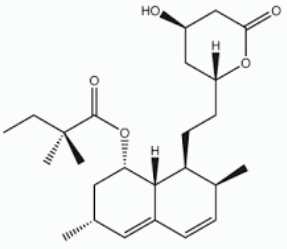
CL622 H	Sertraline HCl working Std		CAS : 79559-97-0 MF: C17H18Cl3 N	
CL623	Tetralone Impurity		MF: C16H12 Cl2O MW: 291.18	
CL624	Sertraline Enantiomer Cis- isomer (1R,4R) – Impurity-G		CAS No. 79645-15-1 MF: C17H17 Cl2N. HCl MW: 306.24 36.46	
CL625	Sertraline Trans isomer (Racemic) (1R,4S)-trans-Sertraline HCl (Crude) Trans:Cis:Tetralone 59:33:3		CAS No. 79836-45-6 MW: C17H17 Cl2N. HCl MW: 306.24 36.46	
CL626	Sertraline Impurity- A (EP) Sertraline Trans isomer. HCl			
CL627	(1S,4R)-Trans Sertraline HCl (Racemic) (Crude) Trans:Cis:Tetralone 59:33:3		CAS No. M.F.: C17H17Cl2 N . HCl M.W.: 306.24 36.46	
CL628	Sertraline HCl- Polymorph Form-I reference std.			
CL629	Sertraline HCl- Polymorph Form-II reference std.			
CL630	Sertraline mandalate			

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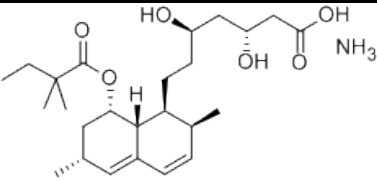
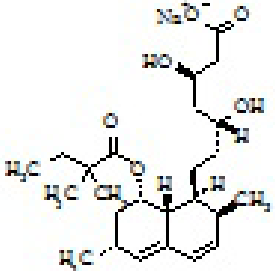
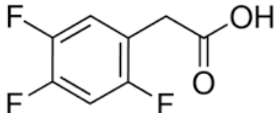
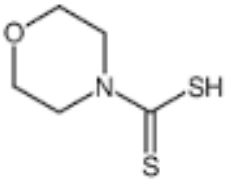
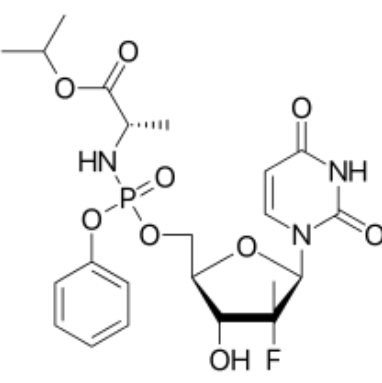
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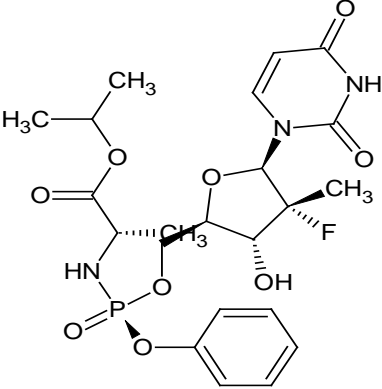
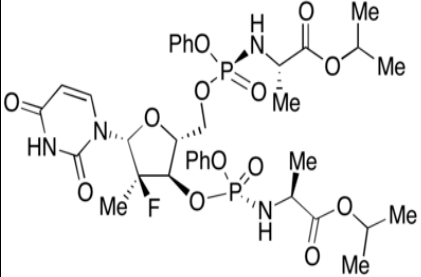
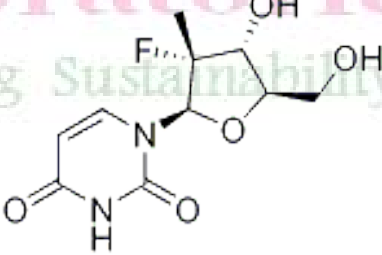
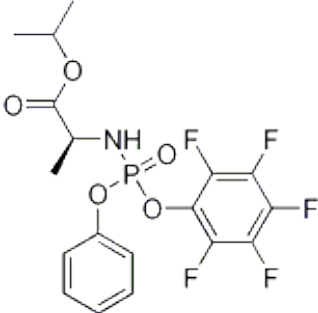
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Impurity, Working standards and Metabolites

CL631	Sertraline impurity-1 1-(3,4-dichlorophenyl)- 1,2,3,4- tetrahydronaphthalene		MF:C ₁₆ H ₁₄ Cl ₂ MW: 277.19	
	Sibutramine HCl.			
CL632	Sibutramine HCl working Std		CAS : 84485-00-7 MF:- C ₁₇ H ₂₆ ClN. HCl	
CL633	Sibutramine Impurity E		CAS: 140- 53-4 MF:C ₈ H ₆ Cl N MW:151.60	
	Sildenafil citrate			
CL634	Sildenafil citrate working std.		CAS :171599-83-0 MF:C ₂₈ H ₃₈ N ₆ O ₁₁ S	
CL635	Sildeafil Impurity-1 2-Ethoxybenzoic Acid		CAS: 134-11-2 MF: C ₉ H ₁₀ O ₃ MW: 166.17	
	Simvastatin			
CL636	Simvastatin working std.		CAS:79902- 63-9 MF: C ₂₅ H ₃₈ O ₅ MW: 418.58 C ₂₅ H ₄₃ NO ₆	

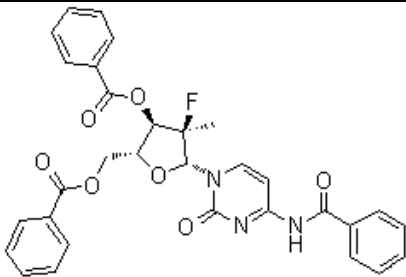
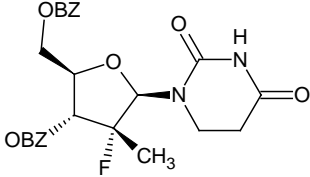
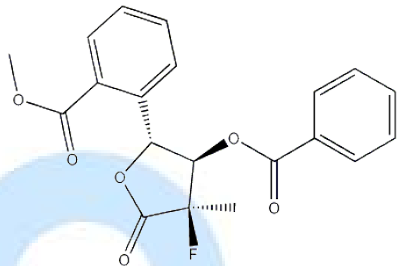


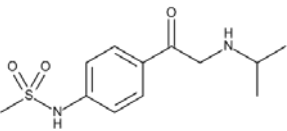
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Impurity, Working standards and Metabolites

CL637	Simvastatin ammonium salt		CAS:139893-43-9 MF:C ₂₅ H ₄₃ NO ₆ MW: 418.58	
CL638	Simvastatin Impurity- Simvastatin Hydroxy acid Na salt		CAS:101314-97-0 MF:C ₂₅ H ₃₉ O ₆ .Na MW:435.5922.99	
	Sitagliptin			
CL639	Sitagliptin Intermediate 2,4,5-Trifluorobenzene acetic Acid		CAS:209995-38-0 MF:C ₈ H ₅ F ₃ O ₂ MW:190.12	
	Sodium morpholine-4-dithiocarbamate			
CL640	Sodium morpholine-4-dithiocarbamate work ing Std.		CAS :873-58-5 MF: C ₅ H ₉ NNaOS ₂	
	Sofosbuvir			
CL641	Sofosbuvir working std. Form-VI Isopropyl (2 <i>S</i>)-2-[[[(2 <i>R</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i>)-5-(2,4-dioxypyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydrofuran-2-yl]methoxy-phenoxy-phosphoryl]amino]prop anoate		CAS:1190307-88-0 MF:C ₂₂ H ₂₉ FN ₃ O ₉ P MW:529.45	
CL642	Sofosbuvir- D-Isomer			

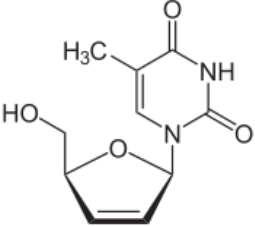
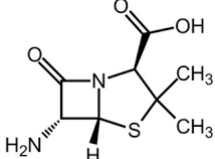
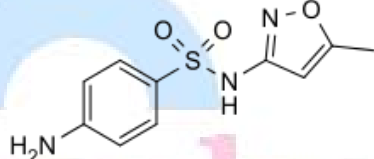
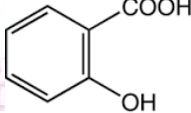
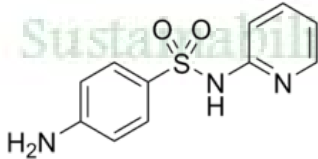
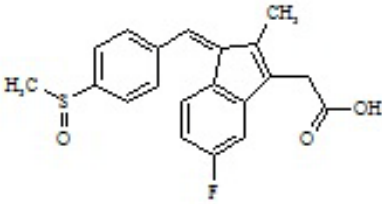
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

<p>CL643</p>	<p>Sofosbuvir Impurity- RP-Isomer of Sofosbuvir</p>		<p>CAS: MF: C₂₂H₂₉F N₃O₉P MW: 529.45</p>	
<p>CL644</p>	<p>Sofosbuvir Dimer (2S)-Isopropyl 2-(((2R,3R,4R,5R)-5-(2,4-Dioxo-3,4-dihydropyrimidin-1(2H)-yl)-4-fluoro-2-(((R)-((S)-1-isopropoxy-1-oxopropan-2-yl)amino)(phenoxy)phosphoryl)oxy)methyl)-4-methyltetrahydrofuran-3-yl)oxy)(phenoxy)phosphoryl)amino)propanoate</p>		<p>CAS: 1337482-17-3 MF: C₃₄H₄₅FN₄O₁₃P₂ MW: 798.68</p>	
<p>CL645</p>	<p>(2R)-2-Deoxy-2-fluoro-2-methyluridine Intermediate-I (Stage-V) 1-[(2R,3R,4R,5R)-3-fluoro-4-hydroxy-5-(hydroxymethyl)-3-methyloxolan-2-yl]pyrimidine-2,4-dione</p>		<p>CAS: 863329-66-2 MF: C₁₀H₁₃FN₂O₅ MW: 260.22</p>	
<p>CL646</p>	<p>Sofosbuvir Intermediate-II N-[(S)-(2,3,4,5,6-pentafluorophenoxy)phenoxyphosphinyl]-L-alanine 1-Methylethyl ester</p>		<p>CAS: 1334513-02-8 MF: C₁₈H₁₇F₅N₂O₅P MW: 453.30</p>	

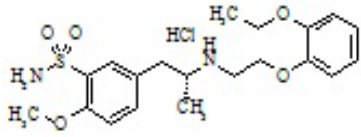
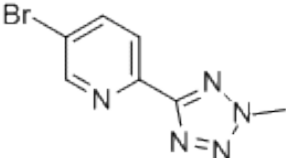
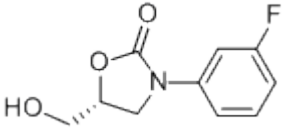
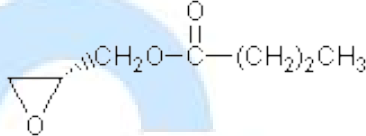
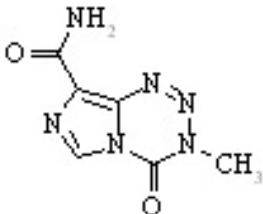
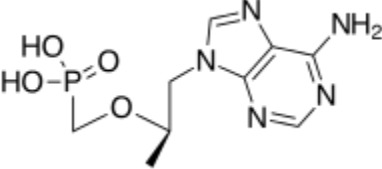
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL647	Sofosbuvir St-III (2'R)-N-Benzoyl-2'-deoxy-2'-fluoro-2'-Methylcytidine 3',5'-dibenzoate, Cytidine,		CAS: 817204-32-3 MF: C31H26FN3O7 MW:571.55
CL648	Sofosbuvir Stage-IV (2'R)-2'-Deoxy-2'-fluoro-2'-methyluridine 3',5'-dibenzoate		CAS: 863329-65-1 MF: C ₂₄ H ₂₁ FN ₂ O ₇ MW:468.43
CL649	Sofosbuvir Intermediate A Sofosbuvir Impurity ((2R,3R,4R)-3-(benzyloxy)-4-fluoro-4-methyl-5-oxotetrahydrofuran-2-yl)methyl benzoate		CAS:874638-80-9 MF: C ₂₀ H ₁₇ FO ₆ MW:372.34
CL650	Pentafluorophenol		CAS: 771-61-9 MF: C ₆ HF ₅ O MW: 184.06
CL651	n-Propyl Sofosbuvir Impurity n-propyl (2S)-2-[[[(2R,3R,4R,5R)-5-(2,4-dioxypyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydrofuran-2-yl]methoxy-phenoxy-phosphoryl]amino]propionate		CAS: MF: C ₂₂ H ₂₉ FN ₃ O ₉ P MW:529.45
	Sotalol		
CL652	Sotalol Impurity-B N-[4-[(1-methylethyl)amino]acetyl]phenyl]methanesulphonamide		CAS: 60735-85-5 MF: MW:
	Stavudine		

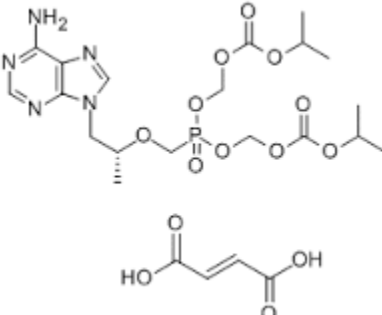
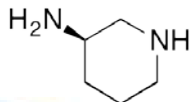
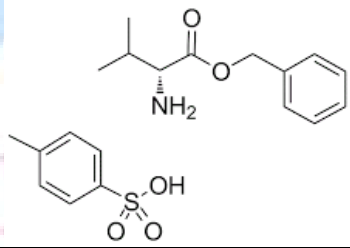
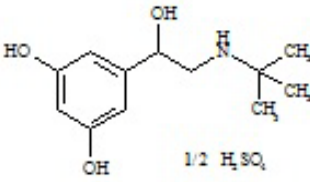
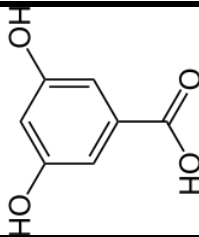
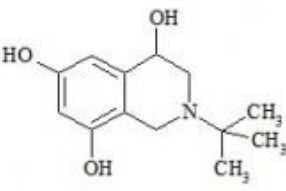
PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

CL653	Stavudine working std. USP 1-[(2R,5S)-5-(hydroxymethyl)-2,5-dihydrofuran-2-yl]-5-methyl-1,2,3,4-tetrahydro pyrimidine-2,4-dione		CAS:3056-17-5 MF:C10H12N2O4 MW: 224.22	
CL654	Sulbactam Impurity B 6-Aminopenicillanic acid		CAS: 551-16-6 MF:C8H12N2O3S MW:216.26	
CL655	Sulfamethazole working std.		CAS:723-46-6 MF:C ₁₀ H ₁₁ N ₃ O ₃ S	
	Sulfasalazine			
CL656	Sulfasalazine Impurity-H Salicylic acid		CAS:69-72-7 MF:C ₇ H ₆ O ₃ MW: 138.12	
CL657	Sulfasalazine Impurity-J Sulfapyridine		CAS:144-83-2 MF:C ₁₁ H ₁₁ N ₃ O ₂ S MW: 249.29	
	Sulindac			
CL658	Sulindac working std.		CAS: 38194-50-2 MF:C ₂₀ H ₁₇ FO ₃ SMW: 356.42	
CL659	Tadalafil			
CL660	Tamsulosin HCl			

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Impurity, Working standards and Metabolites

CL661	Tamsulosin HCl working std.		CAS :106463-17-6 MF:C20H28N2O5S. HCl	
	Tedizolid			
CL662	Tedizolid Impurity-1 5-bromo-2-(2-methyl-2h-tetrazol-5-yl)-pyridine		0-64-3 BrN5	
CL663	Tedizolid Impurity-2 (R)-3-(3-Fluorophenyl)-5-hydroxymethyl-oxazolidin-2-one		CAS: 149524-42-5 MF:C ₁₀ H ₁₀ FNO ₃ MW:211.19	
CL664	(R)-Glycidyl Butyrate		CAS: 60456-26-0 C ₇ H ₁₂ O ₃	
CL665	Tedizolid 3,3- Dimer Impurity			
CL666	Tedizolid enantiomer Impurity			
CL667	Tedizolid Chloro Impurity			
	Temozolomide			
CL668	Temozolomide working std.		CAS: 85622-93-1 MF:C ₆ H ₆ N ₆ O ₂ MW: 194.15	
	Tenofovir			
CL669	Tenofovir working std		CAS: 147127-20-6 MF: C ₉ H ₁₄ N ₅ O ₄ P MW: 287.21	

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

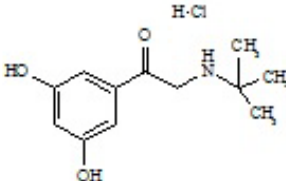
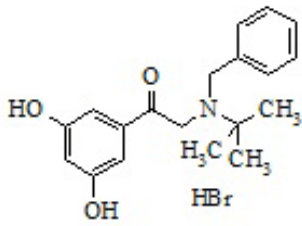
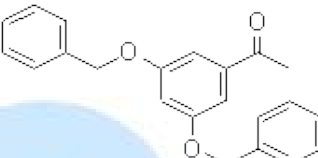
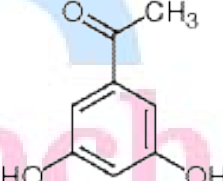
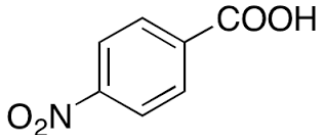
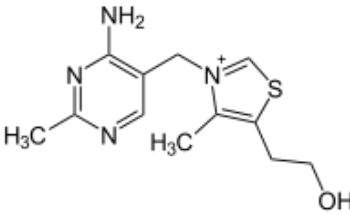
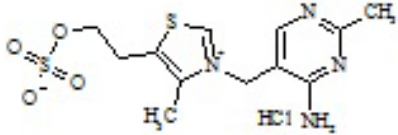
	Tenofovir disoproxil fumarate			
CL670	Tenofovir disoproxil fumarate working std.		CAS: 202138-50-9 MF:C ₁₉ H ₃₀ N ₅ O ₁₀ •C ₄ H ₄ O ₄	
	Teragliptine			
CL671	Teragliptine KRM (R)-3-Aminopiperidine Dihydrochloride		CAS:334618 -23-4 MF:C ₅ H ₁₄ Cl 2N ₂ MW:173.08	
CL672	D-Valine Benzyl Ester p-Toluenesulfonate (R)-Benzyl 2-amino-3-methylbutanoate 4-methylbenzenesulfonate		CAS: 17662- 84-9 MF:C ₁₉ H ₂₅ NO ₅ S MW:379.47	
	Terbutaline			
CL673	Terbutaline Sulphate working std. (RS)-5-[2-(tert-butylamino)-1-hydroxyethyl]benzene-1,3-diol		CAS:23031- 32-5 MF:C ₁₂ H ₁₉ NO ₃ O ₅ H ₂ S O ₄ MF:225.29 49.05	
CL674	Terbutaline Impurity-A α-resorcylic acid, 3,5-Dihydroxy benzoic acid		CAS-99-10-5 MF: C ₇ H ₆ O ₄ MW:154.12	
CL675	Terbutaline Impurity-B 2-(1,1-Dimethylethyl)-1,2,3,4-tetrahydro-4,6,8-Isoquinolinetriol Hydrochloride		CAS:153657 -83-1 MF:C ₁₃ H ₁₉ NO ₃ M.W. 237.30	

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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

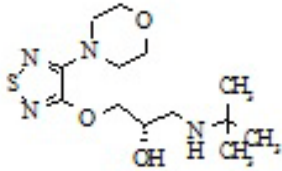
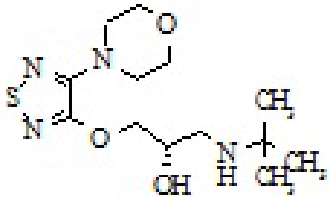
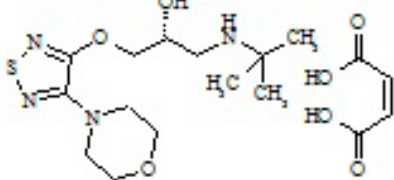
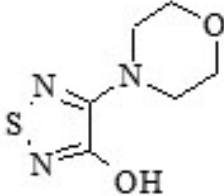
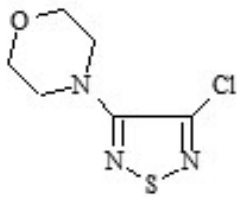
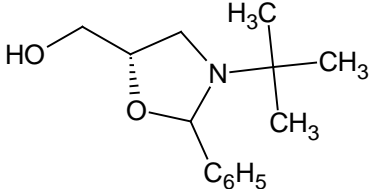
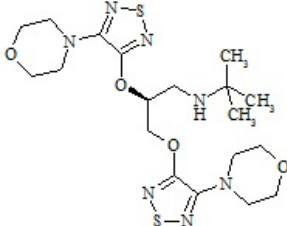
CL676	Terbutaline Impurity-C Terbutalone 1-(3,5-dihydroxyphenyl)-2-[(1,1-dimethylethyl) amino]-ethanone		CAS:124681 5-70-2 MF:C12H17 NO3 HCl MW: 223.27 36.46	
CL677	Terbutaline Impurity-D (2-[benzyl-(1,1-dimethylethyl) amino]-1-(3,5-dihydroxyphenyl) ethanone) HBr		CAS: 94109-61-2 MF:C19H23 NO3 MW: 313.40	
CL678	Terbutaline Impurity 3,5-Dibenzoyloxy Acetophenone		8924-21-2 2H20O3 MW:332.39	
CL679	3',5'-Dihydroxy acetophenone 5-Acetylresorcinol		CAS: 51863-60-6 MF: C8H8O3 MW:152.15	
	Tetracaine			
CL680	Tetracaine Impurity 7 P-Nitro Benzoic acid		CAS: 62-23-7 MF:C7H5N O4 MW:167.12	
	Thiamine			
CL681	Thiamine HCl working std. 3-((4-Amino-2-methyl-5-pyrimidinyl)methyl)-5-(2-hydroxyethyl)-4-methylthiazolium chloride		CAS:67-03-8 MF:C12H17 N4OS Cl HCl MW: 265.36 35.45 36.46	
CL682	Thiamine Impurity-A Thiamine O-sulphate		CAS:2380-61-2 (FB) M.F.: C12H16N4O 4S2. HCl	

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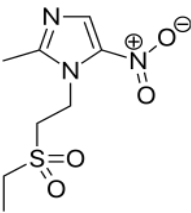
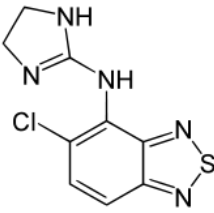
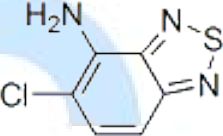
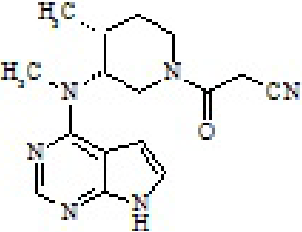
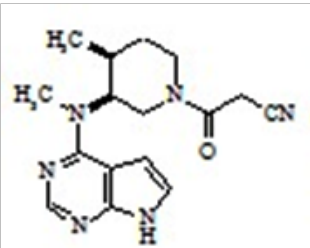
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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

			M.W.: 344.41 36.46	
	Timolol Maleate			
CL683	Timolol working std.-EP		CAS: 26839-75-8 MF: C ₁₃ H ₂₄ N ₄ O 3S MW: 316.43	
CL684	Timolol working std.-USP		CAS: 26839-75-8 MF: C ₁₃ H ₂₄ N ₄ O 3S MW: 316.43	
CL685	Timolol Impurity-A (R)-Timolol		CAS: 26839-77-0 MF: C ₁₃ H ₂₄ N ₄ O ₃ S C ₄ H ₄ O ₄ MW: 316.43	
CL686	Timolol Impurity-D		CAS: M.F.: C ₆ H ₉ N ₃ O ₂ S M.W.: 187.22	
CL687	Timolol Impurity-F (3-Chloro-4-morpholino-1,2,5-Thiadiazole)		CAS: 30165-96-9 M.F.: C ₆ H ₈ CIN ₃ O S M.W.: 205.67	
CL688	5-(Hydroxymethyl)-2-phenyl-3-tertbutyl-1,3-oxazole			
CL689	Timolol Impurity-C		CAS 139106 8-18-0 MF: C ₁₉ H ₃₁ N ₇ O ₄ S ₂ MW: 485.63	
CL690	Timolol Impurity-G			

PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

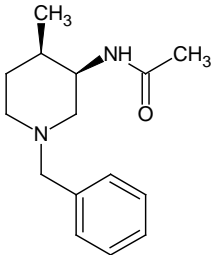
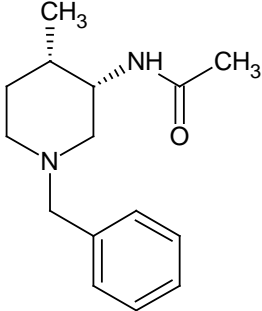
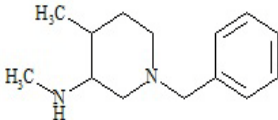
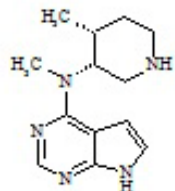
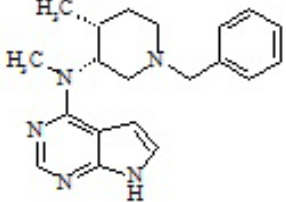
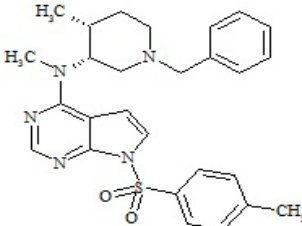
	Tinidazole		
CL691	Tinidazole Working Std IP		CAS:-19387-91-8 MF:C ₈ H ₁₃ N ₃ O ₄ S
	Tizanidine.HCL		
CL692	Tizanidine.HCl working std. 5-chloro- <i>N</i> -(4,5-dihydro-1 <i>H</i> -imidazol-2-yl)benzo[<i>c</i>][1,2,5]thiadiazol-4-amine		CAS:51322-75-9 MF:C ₉ H ₈ ClN ₅ S.HCl MW: 290.17
CL693	Tizanidine Intermediate. 4-Amino-5-chloro-2,1,3-benzothiadiazole		CAS: 30536-19-7 MF:C ₆ H ₄ ClN ₃ S MW:185.63
	Tofacitinib		
CL694	Tofacitinib working standard 3-[(3 <i>R</i> ,4 <i>R</i>)-4-methyl-3-[methyl(7 <i>H</i> -pyrrolo[2,3- <i>d</i>]pyrimidin-4-yl)amino]piperidin-1-yl]-3-oxopropanenitrile		CAS:540737-29-9 MF:C ₁₆ H ₂₀ N ₆ O . C ₆ H ₈ O ₇ MW: 312.38192.13
CL695	Tofacitinib - S,S-isomer (Other Isomer) 3-[(3 <i>S</i> ,4 <i>S</i>)-4-methyl-3-[methyl(7 <i>H</i> -pyrrolo[2,3- <i>d</i>]pyrimidin-4-yl)amino]piperidin-1-yl]-3-oxopropanenitrile		CAS:1092578-47-6 (free base) MF:C ₁₆ H ₂₀ N ₆ O . C ₆ H ₈ O ₇ MW: 312.38

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Impurity, Working standards and Metabolites

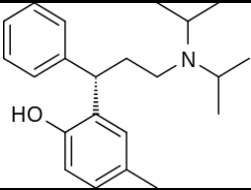
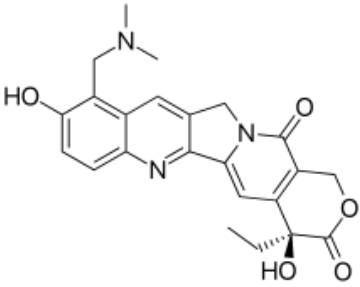
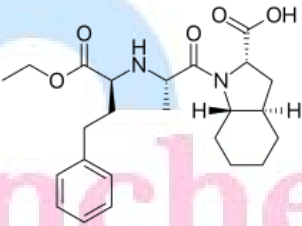
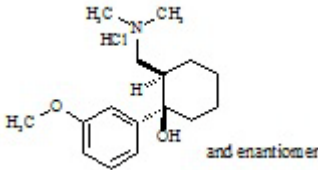
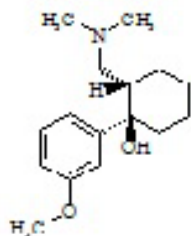
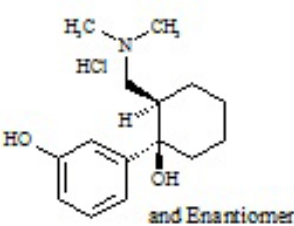
CL696	R,R-Isomer of DTTA salt 3-[(3R,4R)-4-methyl-3-[methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]piperidin-1-yl]-3-oxopropanenitrile		MF: C ₁₅ H ₂₂ N ₂ O MW: 246.34	
CL697	S,S- isomer (DTTA salt) (Other Isomer) 3-[(3S,4S)-4-methyl-3-[methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]piperidin-1-yl]-3-oxopropanenitrile		MF: C ₁₅ H ₂₂ N ₂ O MW: 246.34	
CL698	Racemic amine (Four isomer)		CAS: 384338-23-2 MF: C ₁₄ H ₂₂ N ₂ MW: 218.34	
CL699	Tofacitinib Impurity-M (Debenzylated)		CAS: 477600-74-1 MF: C ₁₃ H ₁₉ N ₅ MW: 245.33	
CL700	Tofacitinib Impurity-O (Detosylated)		CAS No. N/A MF: C ₂₀ H ₂₅ N ₅ MW: 335.46	
CL701	Tofacitinib Impurity-Couple		MF: C ₂₇ H ₃₁ N ₅ O ₂ S M W: 489.64	
	Tolterodine Tartarate			

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PRODUCT LIST: 2017-2018
Impurity, Working standards and Metabolites

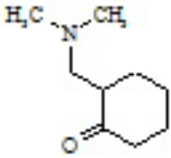
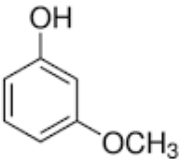
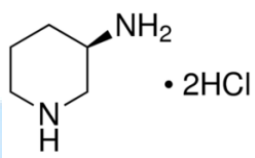
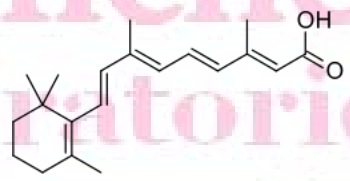
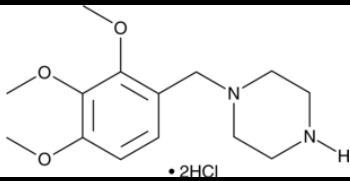
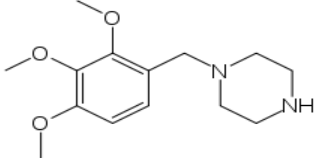
CL702	Tolterodine working std.		CAS:124937-51-5 MF:C ₂₂ H ₃₁ N ₁ O ₁	
	Topotecan			
CL703	Topotecan working std.		CAS:123948-87-8 MF:C ₂₃ H ₂₃ N ₃ O ₅ ·HCl	
	Trandolapril			
CL704	Trandolapril working std.		CAS:87679-37-6 MW:C ₂₄ H ₃₄ N ₂ O ₅	
	Tramadol			
CL705	Tramadol Nitrate working std.		CAS: 36282-47-0 MF:C ₁₆ H ₂₅ NO ₂ MW: 263.38	
CL706	Tramadol Impurity-A (1RS,2SR)-2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexanol		CAS:152538-36-8 M.F.: C ₁₆ H ₂₅ NO ₂ M.W.: 263.3	
CL707	Tramadol Impurity-D (O-Desmethyl Tramadol) (1RS,2RS)-2-[(dimethylamino)methyl]-1-(3-hydroxyphenyl)cyclohexanol HCl		CAS:185453-02-5 M.F.: C ₁₅ H ₂₃ NO ₂ ·HCl M.W.: 249.36 36.468	

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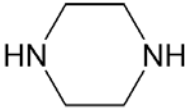
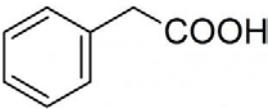
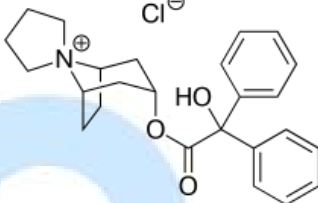
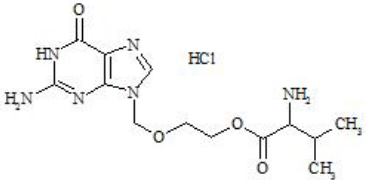
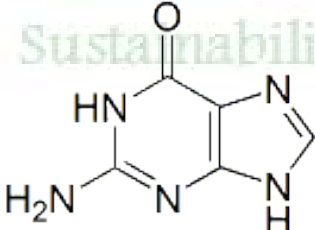
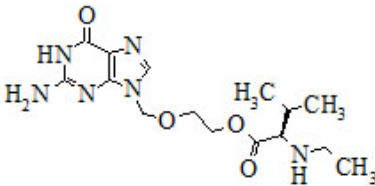
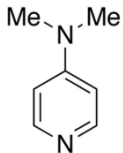
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PRODUCT LIST: 2017-2018
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	(Racemic, Tramadol)			
CL708	Tramadol Impurity-E (2RS)-2- [[dimethylamino) methyl]cyclohexanone		CAS: M.F.: C ₉ H ₁₇ NO M.W.: 155.24	
CL709	3-Methoxyphenol		CAS:150-19- 6 M.F: C ₇ H ₈ O ₂ M.W:124.14	
	Trelagliptin			
CL710	(R)-(-)-3- Aminopiperidine dihydrochloride		CAS:334618- 23-4 MF:C ₅ H ₁₂ N ₂ · 2HCl MW:173.08	
	Tretinoin			
CL711	Tretinoin working std.- USP Retinoic acid; ATRA; Vitamin A acid; all-trans- Retinoic acid; (2E,4E,6E,8E)-3,7- dimethyl-9-(2,6,6- trimethylcyclohexen-1- yl)nona-2,4,6,8- tetraenoic acid		CAS-302-79- 4 MF: C ₂₀ H ₂₈ O ₂ MW:300.44	
	Trimetazidine hydrochloride			
CL712	Trimetazidine HCl working std.		CAS :5011- 34-7 MF: C ₁₄ H ₂₂ N ₂ O ₃	
CL713	Trimetazidine HCL BP		CAS; 5011- 34-7 MF:C ₁₄ H ₂₂ N ₂ O ₃	

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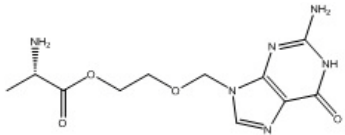
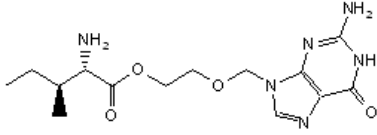
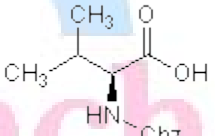
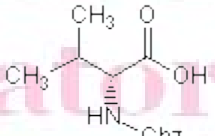
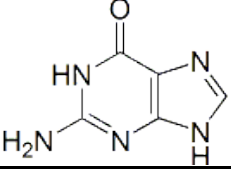
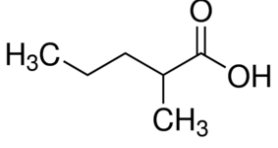
CL714	Trimetazidine Impurity G		CAS: 110-85-0 MF: C ₄ H ₁₀ N ₂ MW: 86.14	
	Tropicamide			
CL715	Tropicamide Related Compound D Phenylacetic acid		CAS:103-82-2 MF: C ₈ H ₈ O ₂ MW:135.15	
	Trospium chloride			
CL716	Trospium chloride working std.		CAS: 10405-02-4 MF:C ₂₅ H ₃₀ ClNO ₃	
	Valacyclovir			
CL717	Valacyclovir working std.		M.F.: C ₁₃ H ₂₀ N ₆ O 4 HCl M.W.: 324.34 36.46	
CL718	Valaciclovir EP Impurity A ,Valaciclovir USP RC A 2-Amino-1,9-dihydro-6H-purin-6-one		CAS:73-40-5 MF:C ₅ H ₅ N ₅ O MW:151.133	
CL719	Valacyclovir Impurity-D		M.F.: C ₁₅ H ₂₄ N ₆ O 4 MW: 352.40	
CL720	Valacyclovir Impurity-G Valacyclovir Related Compound-G		CAS: 1122-58-3 MF: C ₇ H ₁₀ N ₂ MW: 122.16	

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Impurity, Working standards and Metabolites

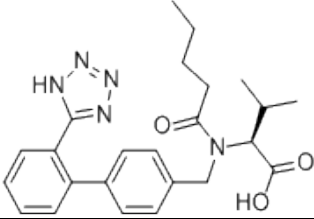
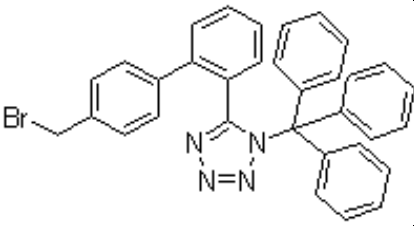
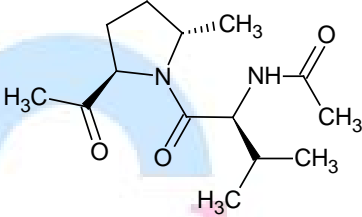
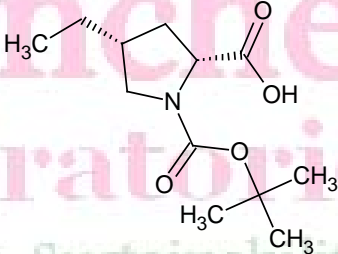
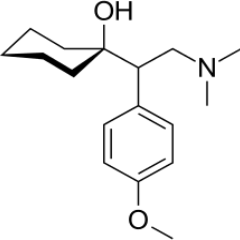
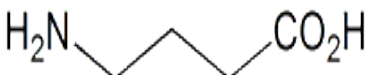
CL721	Valacyclovir L-alaninate Valaciclovir Impurity-H 9-[(2-Hydroxyethoxy)methyl]guanine L-alaninate, 2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]ethyl L-alaninate		CAS: 84499-64-9 MF:C11H16N6O4 MW:296.28	
CL722	Acyclovir L-isoleucinate Valacyclovir Impurity-J L-Isoleucine 2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]ethyl Ester		CAS:142963-63-1 MF:C14H22N6O4 MW:338.36	
CL723	Carbobenzyloxy-L-valine		CAS:1149-26-4 MF:C13H17NO4 MW:251.28	
CL724	N-Carbobenzyloxy-D-valine		CAS: 1685-33-2 MF:C13H17NO4 MW:251.2	
	Valganciclovir			
CL725	Valganciclovir EP Impurity A 2-Amino-1,9-dihydro-6H-purin-6-one		CAS:73-40-5 MF:C5H5N5O MW:151.133	
	Valproic acid			
CL726	Valproic acid Impurity- L 2-MethylValeric Acid		CAS: 97-61-0 MF:C6H12O2 MW:116.168	
	Valsartan			

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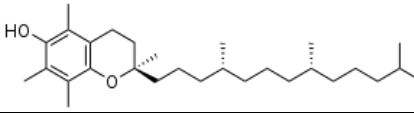
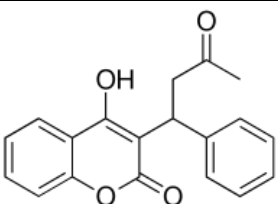
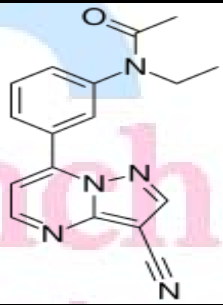
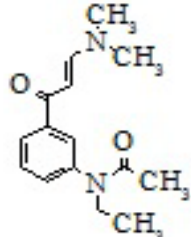
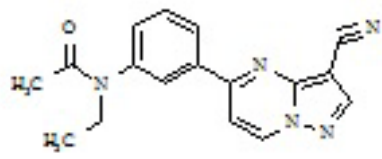
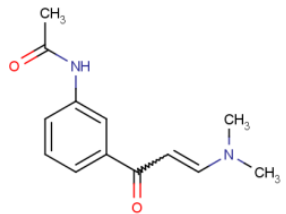
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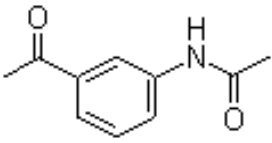
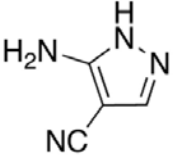
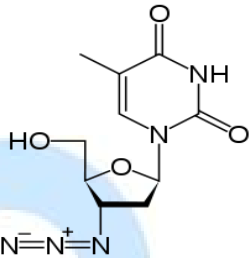

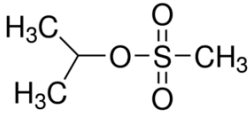
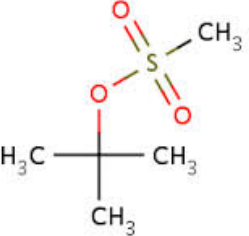
PRODUCT LIST: 2017-2018
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CL727	Valsartan working Std.		CAS :137862-53-4 MF:C24H29N5O3
CL728	Valsatran Bromo Intermediate. Olmesartan Impurity 5-(4'-Bromomethyl-1,1'-biphenyl-2-yl)-1-triphenylmethyl-1H-tetrazole		CAS:124750-51-2 MF:C ₃₃ H ₂₅ BrN ₄ MW:557.79
	Velpatasvir		
CL729	Velpatasvir KSM-III N-{(2S)-1-[(2R,5S)-2-acetyl-5-methylpyrrolidin-1-yl]-3-methyl-1-oxobutan-2-yl}acetamide		CAS: MF:C ₁₄ H ₂₄ N ₂ O ₃ MW:268.35
CL730	Velpatasvir KSM-II (2R,4R)-1-(tert-butoxycarbonyl)-4-ethylpyrrolidine-2-carboxylic acid		CAS: MF:C ₁₂ H ₂₁ NO ₄ MW:243.29
	Venlafaxine		
CL731	Venlafaxine working std.		CAS:93413-69-5 MF:C ₁₇ H ₂₇ N ₂ O ₂
	Vigabatrin		
CL732	Vigabatrin Impurity D 4-Aminobutanoic acid		CAS: 56-12-2 MF: C ₄ H ₉ NO ₂ MW: 103.12

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	Vitamin-E			
CL733	Vitamin-E 50% powder			
CL734	Alfa Tocopherol (d-isomer) - USP			
	Warfarin			
CL735	Warfarin working std		CAS:81-81-2 MF:C ₁₉ H ₁₆ O ₄	
	Zaleplon			
CL736	Zaleplon workig std		CAS:151319-34-5 MF:C ₁₇ H ₁₅ N ₅ O	
CL737	Zaleplon Impurity-A		CAS: 96605-66-2 MF:C ₁₅ H ₂₀ N ₂ O ₂ MW: 260.34	
CL738	Zaleplon Impurity-B		MF:C ₁₇ H ₁₅ N ₅ O MW: 305.34	
CL739	N-[3-(3-Dimethylamino acryloyl) phenyl]acetamide		CAS: 96605-61-7 MF: C ₁₃ H ₁₆ N ₂ O ₂ MW:232.28	

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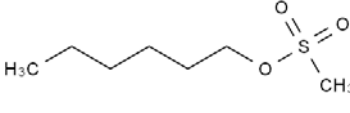
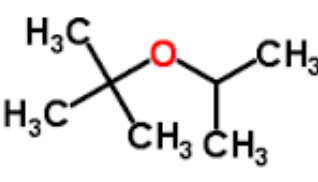
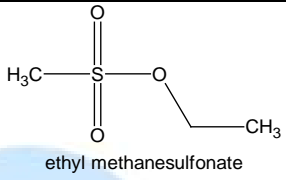
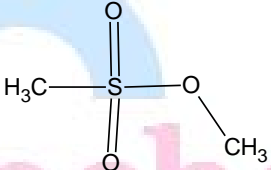
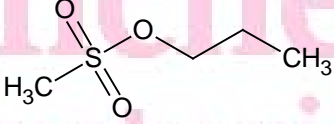
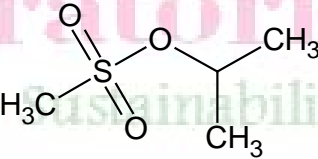
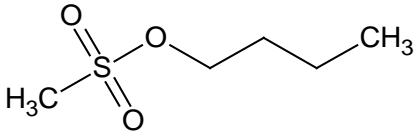
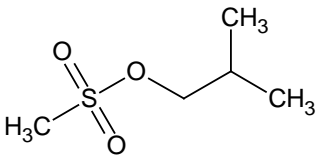
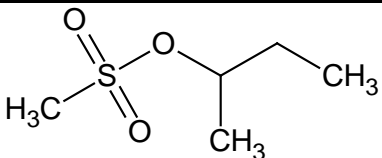
CL740	N-(3-Acetylphenyl) acetamide / 3'-Acetylacetanilide		CAS: 7463-31-2 MF: C ₁₀ H ₁₁ NO ₂ MW:	
CL741	3-AMINO-4-CYANO PYRAZOLE; 3-Aminopyrazole-4-carbonitrile; 3-Amino-1H-pyrazole-4-carbonitrile		CAS: 16617-46-2 MF: C ₄ H ₄ N ₄ MW:108.1	
	Zidovudine			
CL742	Zidovudine working std BP		CAS:30516-87-1 MF:C10H13N5O4 MW: 267.25	
	Zolmitriptan			
CL743	Zolmitriptan working std.		CAS: 139264-17-8 MF:C ₁₆ H ₂₁ N ₃ O ₂	
	Genotoxic Impurities			
CL744	Isopropyl Methanesulfonate; Methanesulfonic Acid Isopropyl Ester		CAS: 926-06-7 MF: C ₄ H ₁₀ O ₃ S MW:138.18	
CL745	Tert-butyl methanesulfonate; Methanesulfonic acid tert-butyl ester,2-methyl-2-methylsulfonyloxy-propane		CAS:16427-41-1 MF: C ₅ H ₁₂ O ₃ S MW:152.21	

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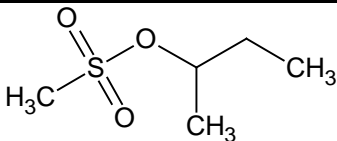
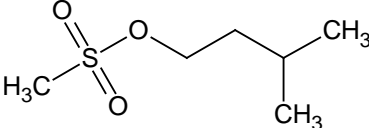
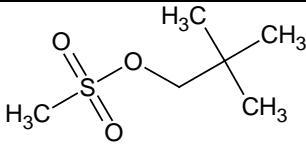
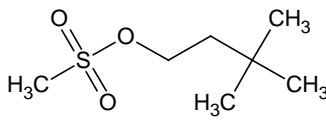
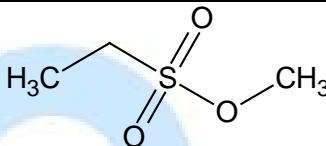
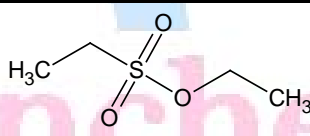
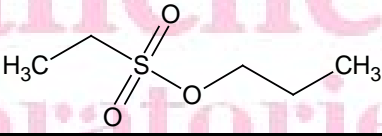
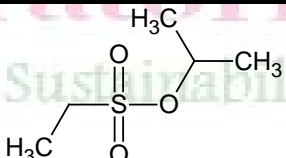
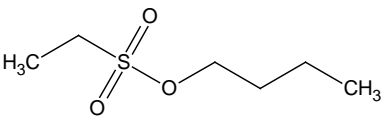
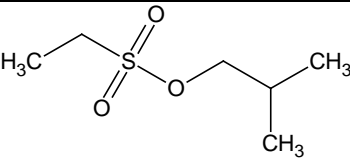
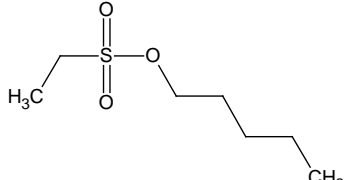
CL746	Hexyl Methanesulfonate; Methanesulfonic Acid Hexyl Ester		CAS:16156-50-6 MF: C ₇ H ₁₆ O ₃ S MW:180.26
CL747	Tert-Butyl isopropyl ether (TBIPE) Isopropyl tert-butyl ether, propane, 2-methyl-2-(1-methylethoxy)-		CAS:17348-59-3 MF:C ₇ H ₁₆ O MW:116.20
CL748	Ethyl methanesulfonate	 ethyl methanesulfonate	CAS: MF:C ₃ H ₈ O 3S MW:124.18
CL749	Methyl methanesulfonate		CAS: MF:C 2H ₆ O ₃ S MW:110.13
CL750	propyl methanesulfonate		CAS: MF: C ₄ H ₁₀ O ₃ S MW:138.18
CL751	propan-2-yl methanesulfonate		CAS: MF: C ₄ H ₁₀ O ₃ S MW:138.1
CL752	Butyl methanesulfonate		CAS: MF:C ₅ H ₁₂ O 3S MW:152.21
CL753	2-methylpropyl methanesulfonate		CAS: MF: C ₅ H ₁₂ O 3S MW:152.21
CL754	butan-2-yl methanesulfonate		CAS: MF:C ₅ H ₁₂ O 3S MW:152.21

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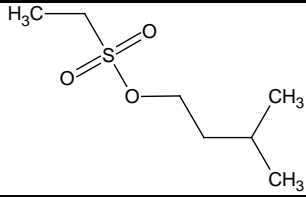
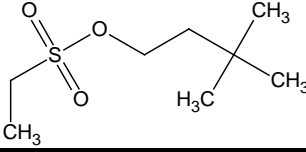
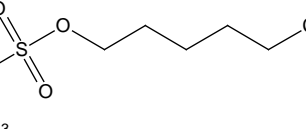
CL755	Pentyl methanesulfonate		CAS: MF:C6H14 O3S MW:166.23	
CL756	3-methylbutyl methanesulfonate		CAS: MF:C6H14 O3S MW:166.23	
CL757	2,2-dimethylpropyl methanesulfonate		CAS: MF:C6H14 O3S MW:166.23	
CL758	3,3-dimethylbutyl methanesulfonate		CAS: MF:C7H16 O3S MW:180.26	
CL759	Methyl ethanesulfonate		CAS: MF:C3H8O 3S MW:124.15	
CL760	Ethyl ethanesulfonate		CAS: MF:C4H10 O3S MW:138.18	
CL761	Propyl ethanesulfonate		CAS: MF:C5H12 O3S MW:152.21	
CL762	Propan-2-yl ethanesulfonate		CAS: MF:C5H12 O3S MW:152.21	
CL763	Butyl ethanesulfonate		CAS: MF:C6H14 O3S MW:166.23	
CL764	2-methylpropyl ethanesulfonate		CAS: MF:C6H14 O3S MW:166.23	
CL765	pentyl ethanesulfonate		CAS: MF:C7H16 O3S MW:180.26	

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CL766	3-methylbutyl ethanesulfonate		CAS: MF:C7H16 O3S MW:180.26	
CL767	2,2-dimethylpropyl ethanesulfonate		CAS: MF:C7H16 O3S MW:180.26	
CL768	Hexyl ethanesulfonate		CAS: MF:C8H18 O3S MW:194.29	
CL769			CAS: MF: MW:	
CL770	Miscellaneous Impurities		CAS: MF: MW:	
CL771			CAS: MF: MW:	
CL772			CAS: MF: MW:	
CL773			CAS: MF: MW:	
CL774			CAS: MF: MW:	
CL775			CAS: MF: MW:	
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