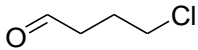
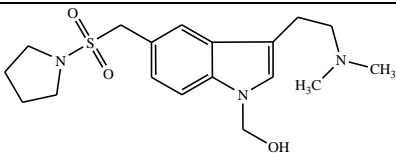
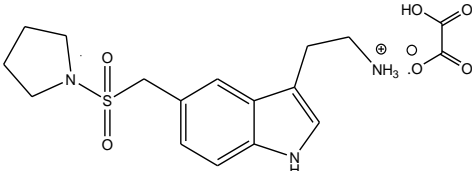
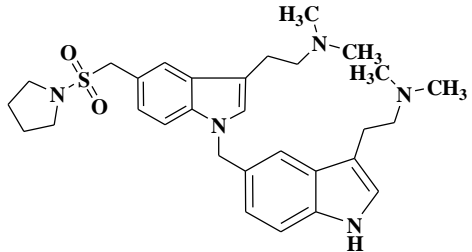
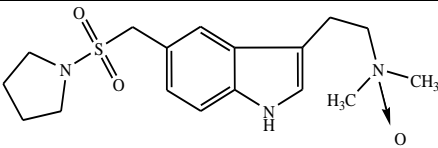
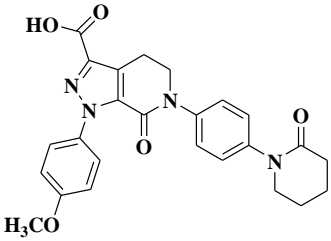
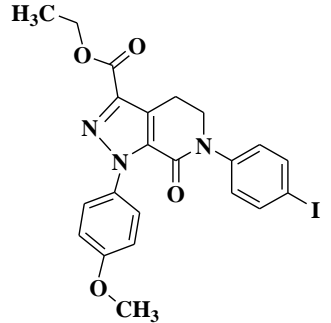
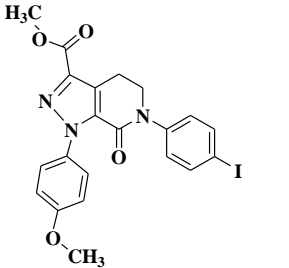
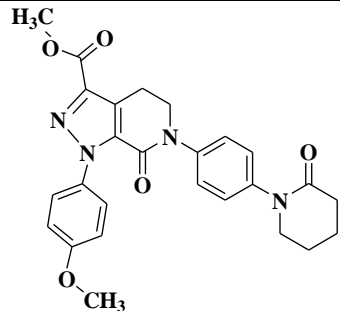
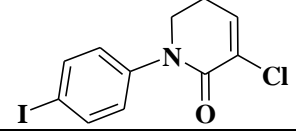
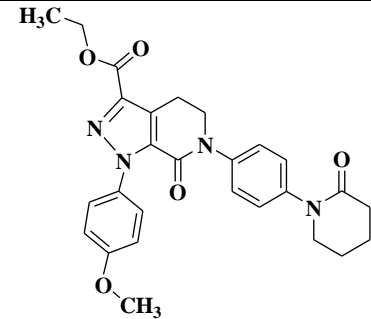
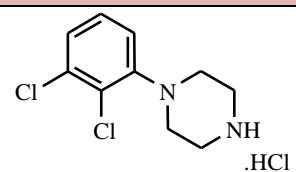
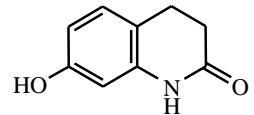


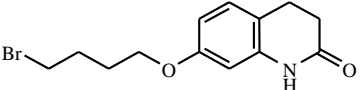
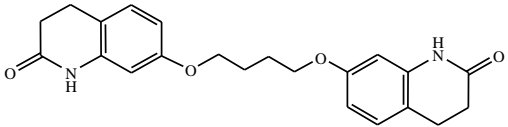
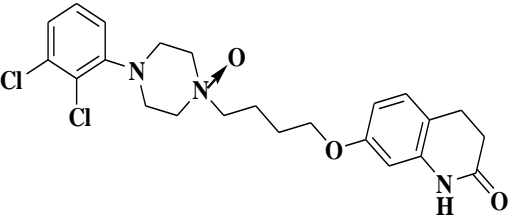
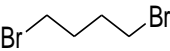
LIST OF ANALYTICAL STANDARDS

S. No.	Name of the sample	Chemical Name	Chemical Structure	CAS No.	Cost INR Rs./Mg
ALMOTRIPTAN MALATE					
1.	4-Chloro butyraldehyde (CBD-II)	4-Chloro butyraldehyde (CBD-II)		6139-84-0	
2.	Almotriptan impurity-A (1-Hydroxymethyl Almotriptan)	1-[[[3-[2-(Dimethyl amino) ethyl]-1-hydroxy methyl-indol- 5-yl]methyl]sulfonyl] pyrrolidine		1018676-02-2	
3.	Almotriptan impurity-B (ATN-Triptamine)	1-[[[3-[2-(Amino ethyl)-1H- indol-5-yl] methyl]sulfonyl] pyrrolidine.oxalate		N/A	
4.	ALMO-N-Dimer Impurity	1-[[[3-[2-(Dimethyl amino) ethyl]-1-(N,N-dimethyl-2-(5- methyl-1H-indol-3- yl)ethanamine)-indol-5- yl]methyl]sulfonyl] pyrrolidine		N/A	
5.	Almotriptan impurity-C (ATN-N-Oxide)	1-[[[3-[2-(Dimethyl amino) ethyl]-1H-indol-5-yl] methyl] sulfonyl]pyrrolidine-N-oxide		N/A	

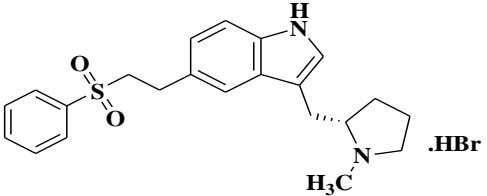
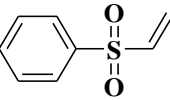
APIXABAN

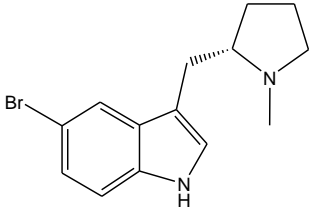
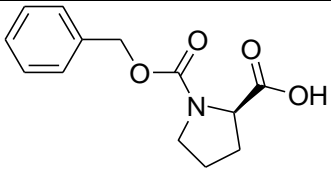
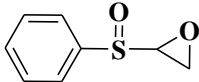
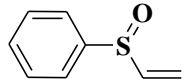
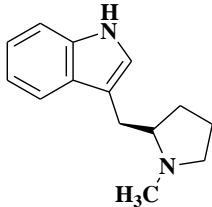
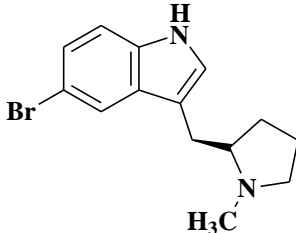
APIXABAN					
1.	APN-Impurity A/ Apixaban acid impurity	4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-1H-pyrazolo[3,4-c]pyridine-3-carboxylic acid		503614-92-4	
2.	APN-Impurity-H (APN-III)	ethyl 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo-1H-pyrazolo[3,4-c]pyridine-3-carboxylate			
3.	APN-III Methyl ester/ APN-Impurity-D	methyl 4,5,6,7-tetrahydro-6-(4-iodophenyl)-1-(4-methoxyphenyl)-7-oxo-1H-pyrazolo[3,4-c]pyridine-3-carboxylate			

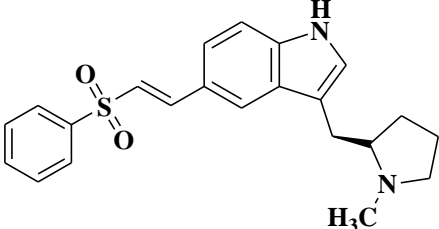
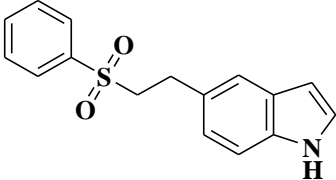
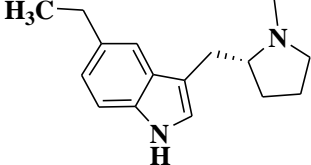
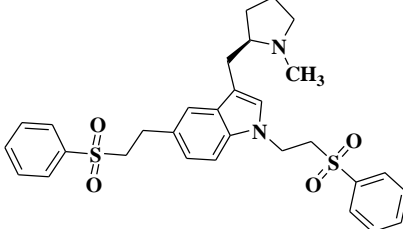
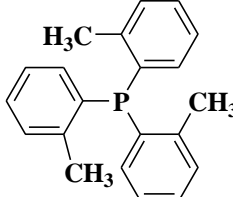
4.	APN-V Methyl ester/ APN-Impurity-K	methyl 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-1H-pyrazolo[3,4-c]pyridine-3-carboxylate			
5.	APN-Impurity-G (APN-II)	3-chloro-5,6-dihydro-1-(4-iodophenyl)pyridin-2(1H)-one			
6.	APN-Impurity-J (APN-IV)	ethyl 4,5,6,7-tetrahydro-1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-1H-pyrazolo[3,4-c]pyridine-3-carboxylate			
ARIPIRAZOLE					
7.	DCP-II. HCl	1-(2,3-Dichloro-phenyl)-piperazine hydrochloride		119532-26-2	
8.	APZ-II	7-Hydroxy-3,4-dihydro-1H-quinolin-2-one (or) 3,4-Dihydro-7-hydroxy carbostyryl		22246-18-0	

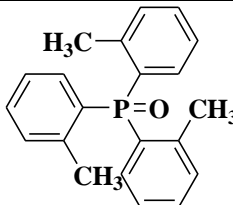
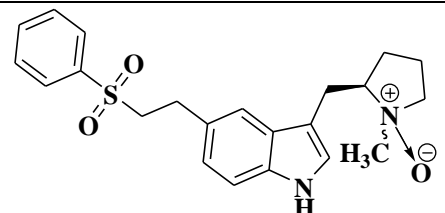
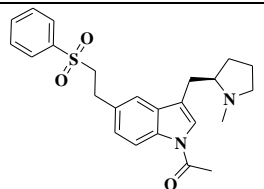
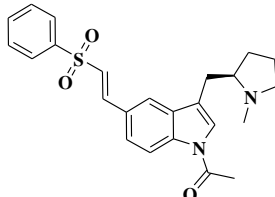
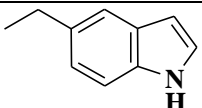
9.	APZ-III	7-(4-Bromo-butoxy)-3,4-dihydro-1H-quinolin-2-one		129722-34-5	
10.	APZ-III/Bis Impurity	1,4-Bis [3,4-dihydro-2(1H)-quinolinone-7-oxy]butane		N/A	
11.	Aripiprazole related compound-F	4-(2,3-Dichlorophenyl)-1-[4-(2-oxo-1,2,3,4-tetrahydro quinolin-7-yloxy)butyl] piperazine-1-oxide (or) 7-[4-[4-(2,3-Dichlorophenyl)-1-oxidopiperazin-1-yl]butoxy]-3,4-dihydroquinolin-2(1H)-one		N/A	
12.	1,4-Dibromo butane	1,4-Dibromo butane		N/A	

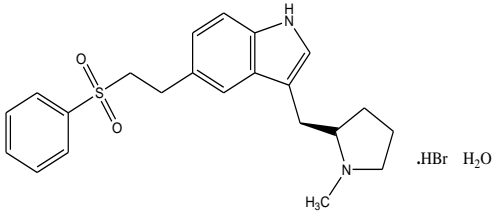
ELETRIPTAN HYDROBROMIDE MONOHYDRATE

1.	Eletriptan hydrobromide (S-Isomer)	3-(((S)-1-Methylpyrrolidin-2-yl)methyl)-5-[2-(phenyl sulfonyl) ethyl]-1H-indole hydro bromide		1252673-29-2	
2.	ETNSC-II	Phenyl vinyl sulfone (or) 1-(Vinyl sulfonyl)benzene		5535-48-8	

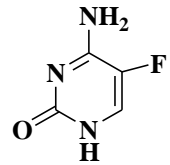
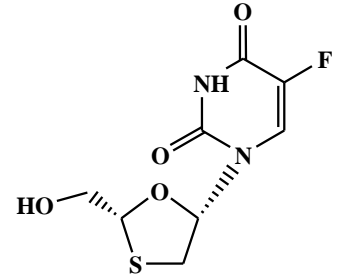
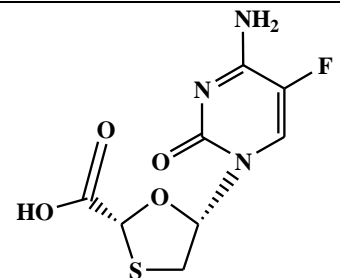
3.	ETN-IIA_(S)-isomer (ETNL-IIA)	5-bromo-3-(((S)-1-methylpyrrolidin-2-yl)methyl)-1H-indole		N/A	
4.	ETN-I	(R)-1-((benzyloxy)carbonyl)pyrrolidine-2-carboxylic acid		6404-31-5	
5.	2-(Phenylsulfamoyl)Oxirane	2-(Phenylsulfinyl)Oxirane		N/A	
6.	(Vinylsulfinyl)benzene	(Vinylsulfinyl)benzene (or) 1-(Vinylsulfinyl)benzene		N/A	
7.	Eletriptan impurity-A	3-(((R)-1-Methylpyrrolidin-2-yl)methyl)-1H-indole		N/A	
8.	Eletriptan impurity-B	5-Bromo-3-(((R)-1-methylpyrrolidin-2-yl)methyl)-1H-indole		143322-57-0	

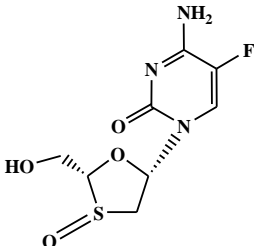
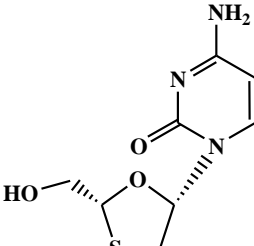
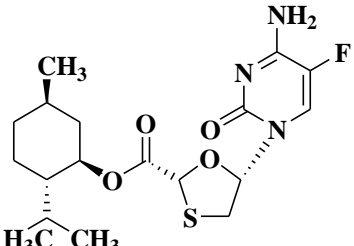
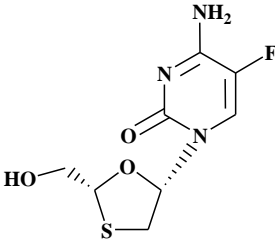
9.	Eletriptan impurity-C	3-(((R)-1-Methylpyrrolidin-2-yl)methyl)-5-[(E)-2-(phenylsulfonyl) vinyl]-1H-indole		N/A	
10.	Eletriptan impurity-D	5-[2-(Phenylsulfonyl)ethyl]-1H-indole		N/A	
11.	Eletriptan impurity-F Or de-phenyl sulfonyl body	5-Ethyl-3-(((R)-1-methylpyrrolidin-2-yl)methyl)-1H-indole		209682-64-4	
12.	Eletriptan impurity-G	3-(((R)-1-Methylpyrrolidin-2-yl)methyl)-1,5-bis(2-(phenylsulfonyl)ethyl)-1H-indole		N/A	
13.	Eletriptan impurity-J	Tri(2-methylphenyl)-phosphine (or) Tri-o-tolylphosphine		6163-58-2	

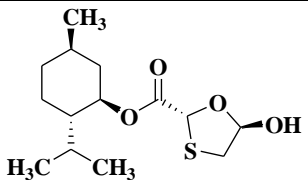
14.	Eletriptan impurity-K	Tri-o-tolylphosphoryloxide		N/A	
15.	Eletriptan impurity-L	3-(((R)-1-Methyl-N-Oxide-pyrrolidin-2-yl)methyl)-5-(2-(phenylsulfonyl)ethyl)-1H-indole		N/A	
16.	Acetyl adduct	1-(3-(((R)-1-methylpyrrolidin-2-yl)methyl)-5-(2-(phenylsulfonyl)ethyl)-1H-indol-1-yl)ethanone		N/A	
17.	Acetyl dehydro Adduct	1-(3-(((R)-1-methylpyrrolidin-2-yl)methyl)-5-((E)-2-(phenylsulfonyl)vinyl)-1H-indol-1-yl)ethanone		188113-71-5	
18.	5-Ethyl-1H-indole	5-Ethyl-1H-inodle		68742-28-9	

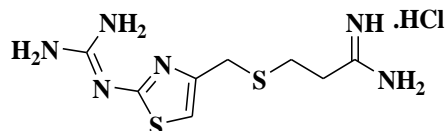
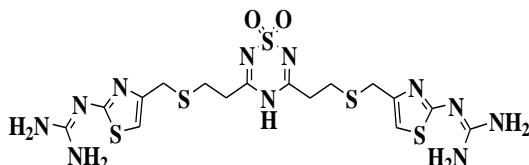
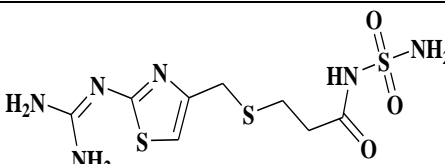
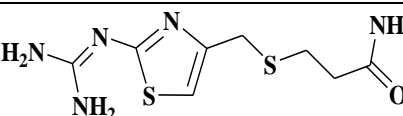
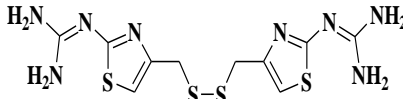
19.	Eletriptan hydrobromide monohydrate	3-[[[(R)-1-Methylpyrrolidin-2-yl)methyl]-5-[2-(phenylsulfonyl)ethyl]-1H-indole hydro bromide monohydrate	 <p>.HBr H₂O</p>	N/A	
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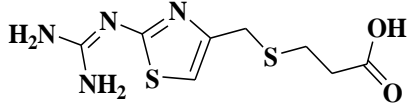
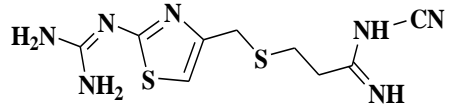
EMTRICITABINE

1.	5-Fluorocytosine	5-Fluorocytosine (or) 4-Amino-5-fluoro-2(1H)-pyrimidinone		2022-85-7	
2.	Emtricitabine 5-fluoro uracil impurity	5-Fluoro-1-[(2R,5S)-2-(hydroxylmethyl)-1,3-oxathiolan-5-yl]uracil		145986-11-4	
3.	Emtricitabine acid impurity	Cis-5-[4-Amino-5-fluoro-2-oxopyrimidin-1(2H)-yl]-1,3-oxathiolane-2-carboxylic acid		N/A	

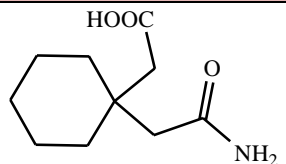
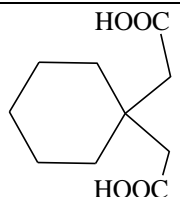
4.	Emtricitabine sulfoxides impurity	5-Fluoro-1-[(2R,3RS,5S)-2-(hydroxy methyl)-3-oxo-1,3-oxathiolan-5-yl]cytosine		N/A	
5.	Emtricitabine Lamivudine impurity	(-)-1-[(2R,5S)-2-(Hydroxy methyl)-1,3-oxathiolan-5-yl]cytosine (or) 2(1H)-Pyrimidinone, 4-amino-1-[2-(hydroxyl methyl)-1,3-oxathiolan-5-yl]-(2R-cis)-		N/A	
6.	Emtricitabine menthyl ester (ECB-I)	L-Menthyl 5-(2R,5S)-[4-amino-5-fluoro-2-oxopyrimidin-1(2H)-yl]-1,3-oxathiolane-2-carboxylate		147126-75-8	
7.	Emtricitabine	4-Amino-5-fluoro-1-[(2R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl]-2(1H)-pyrimidinone (or) 5-Fluoro-1-[(2R,5S)-2-(hydroxyl methyl)-1,3-oxathiolan-5-yl] cytosine		143491-57-0	

8.	Hydroxy compound (ECB-SM)	(2R,5R)-5-Hydroxy- [1,3]oxathio lane-2-carboxylic acid (1R,2S, 5R)-menth ylester (ECB-SM)		147126-62-3	
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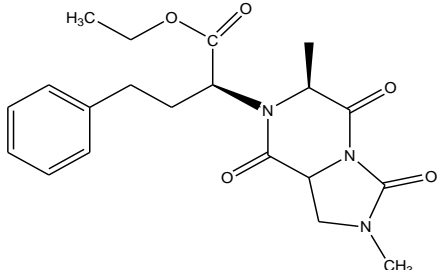
FAMOTIDINE					
9.	Famotidine impurity-A	3-[[[2-[(Diaminomethylene) amino]thiazol-4-yl] methyl] sulfanyl] propanimidamide Dihydrochloride		88061-72-7	
10.	Famotidine impurity-B	3,5-Bis[2-[[[2-[(diaminomethylidene) amino] thiazol-4-yl] methyl] sulfanyl] ethyl]-4H-1,2,4,6-thiatriazine 1,1-dioxide		89268-62-2	
11.	Famotidine impurity-C	3-[[[2-[(Diaminomethylidene) amino] thiazol-4-yl] methyl] sulfanyl]-N-sulfamoylpropanamide		N/A	
12.	Famotidine impurity-D	3-[[[2-[(Diaminomethylidene) amino] thiazol-4-yl] methyl] sulfanyl]propa namide		76824-16-3	
13.	Famotidine impurity-E	2,2'- [Disulfanediylbis(methylenethia zole-4,2-diyl)]diguanidine		129083-44-9	

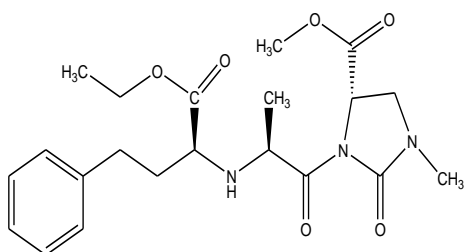
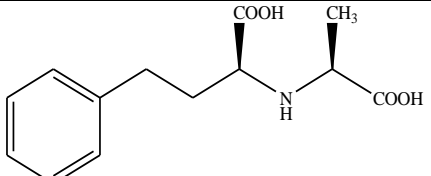
14.	Famotidine impurity-F	3-[[[2-[(Diaminomethylidene)amino]thiazol-4-yl] methyl] sulfanyl] propanoic acid		107880-74-0	
15.	Famotidine impurity-G	N-Cyano-3-[[[2-[(diaminomethli dene) amino]thiazol-4-yl] methyl] sulfanyl]propanemi damide		N/A	

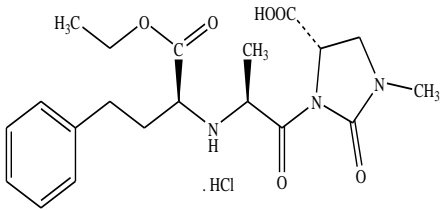
GABAPENTIN

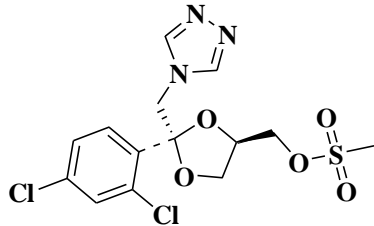
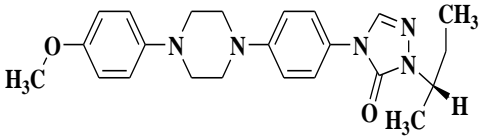
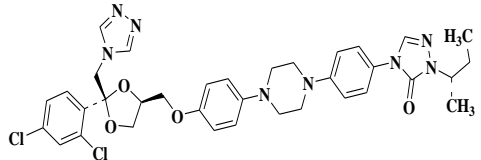
1.	GBT-SM	1,1-cyclohexanediactic acid monoamide		99189-60-3	
2.	1,1-Cyclohexanediactic acid	1,1-Cyclohexanediactic acid		4355-11-7	

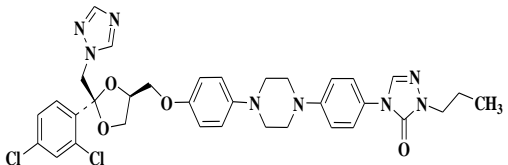
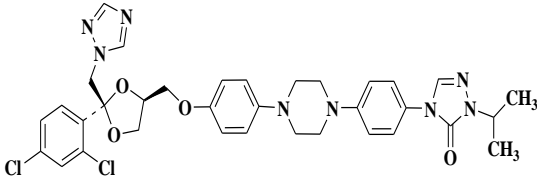
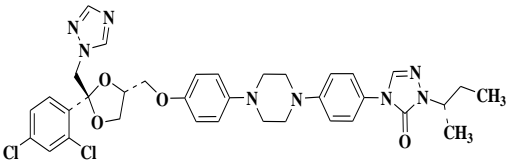
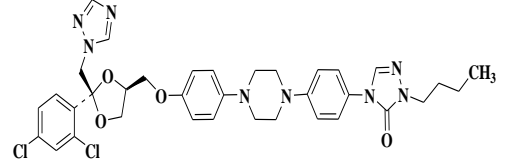
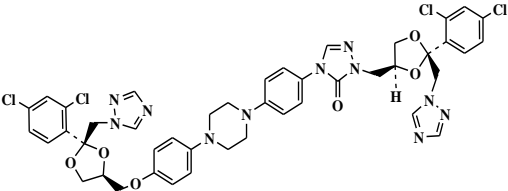
IMIDAPRIL HYDROCHLORIDE

1.	Imidapril impurity-A	(S)-Ethyl 2-((6S)-hexahydro-2,6-dimethyl-3,5,8-trioximidazo[1,5-a]pyrazin-7(1H)-yl)-4-phenyl butanoate		N/A	
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2.	Imidapril impurity-B	(4S)-3-[(2S)-2-[N-[(1S)-1-(Ethoxy carbonyl)-3-phenylpropyl] amino] propionyl]-1-methyl-2-oxoimidazolidine-4-methylester		N/A	
3.	Imidapril impurity-C	(S)-2-((S)-1-Carboxyethylamino)-4-phenylbutanoic acid		N/A	

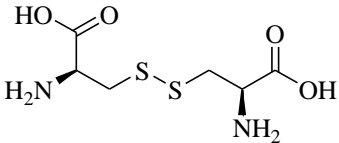
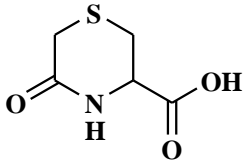
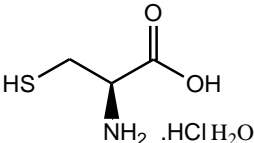
4.	Imidapril hydrochloride	(4S)-3-[(2S)-2-[N-[(1S)-1-(Ethoxycarbonyl)-3-phenylpropyl]amino]propionyl]-1-methyl-2-oxoimidazolidine-4-carboxylic acid hydrochloride		89396-94-1
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ITRACONAZOLE				
1.	Trans isomer of IT-IB	Trans-(2-(2,4-dichloro-phenyl)-2(1H-1,2,4-triazole-1-yl methyl)-1,3-dioxalane-4-yl) methyl methane sulphonate		N/A
2.	Itraconazole impurity-A	4-[4-[4-(4-Methoxyphenyl) piperazin-1-yl]phenyl]-2-[(1RS)-1-methylpropyl]-2,4-dihydro-3H-1,2,4-triazol-3-one		252964-68-4
3.	Itraconazole impurity-B	4-[4-[4-[4-[[Cis-2-(2,4-Dichloro phenyl)-2-(4H-1,2,4-triazol-4-ylmethyl)-1,3-dioxolan-4-yl] methoxy] phenyl] piperazin-1-yl] phenyl]-2-[(1 RS)-1-methylpropyl]-2,4-dihydro-3H-1,2,4-triazol-3-one		854372-77-3

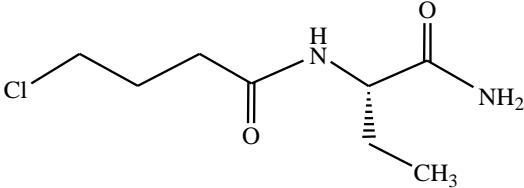
4.	Itraconazole impurity-C	4-[4-[4-[4-[[Cis-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-propyl-2,4-dihydro-3H-1,2,4-triazol-3-one		74855-91-7	
5.	Itraconazole impurity-D	4-[4-[4-[4-[[Cis-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-(1-methyl ethyl)-2,4-dihydro-3H-1,2,4-triazol-3-one		89848-49-7	
6.	Itraconazole impurity-E	4-[4-[4-[4-[[Trans-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-[(1RS)-1-methylpropyl]-2,4-dihydro-3H-1,2,4-triazol-3-one		84604-65-9	
7.	Itraconazole impurity-F	2-Butyl-4-[4-[4-[4-[[cis-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2,4-dihydro-3H-1,2,4-triazol-3-one		89848-51-1	
8.	Itraconazole impurity-G	4-[4-[4-[4-[[Cis-2-(2,4-Dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]phenyl]-2-[[cis-2-(2,4-		N/A	

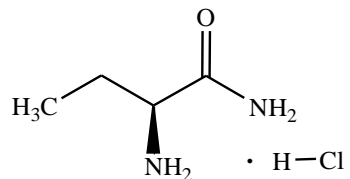
		dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-yl]methyl-2,4-dihydro-3H-1,2,4-triazol-3-one		
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L-CARBO CYSTEINE

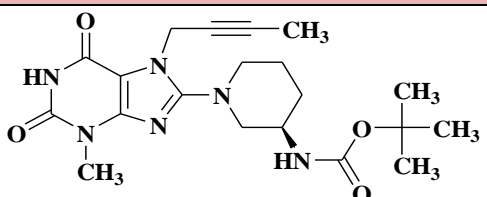
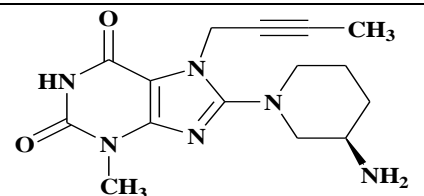
1.	L-Cystine	(R,R)-3,3'-Dithiobis(2-aminopropionic acid)		56-89-3
2.	TOCA impurity	5-oxothiomorpholine-3-carboxylic acid		14226-97-2
3.	L-Cysteine HCl H ₂ O	L-Cysteine hydrochloride monohydrate		7048-04-6

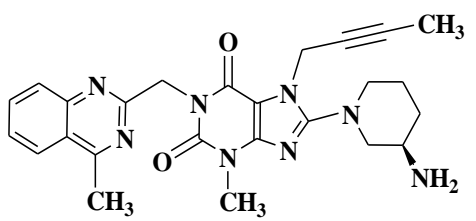
LEVETIRACETAM

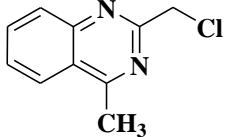
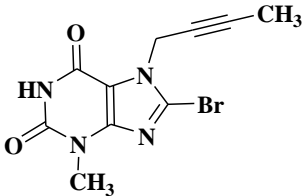
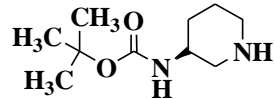
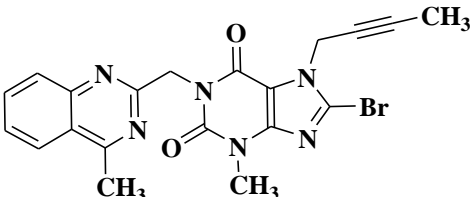
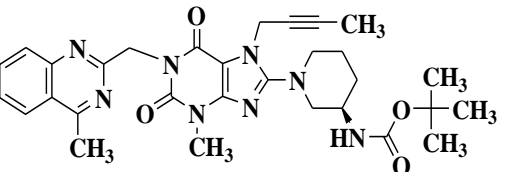
1.	Levetiracetam related compound-A	(S)-N-(1-Amino-1-oxobutan-2-yl)-4-chlorobutanamide		102767-31-7
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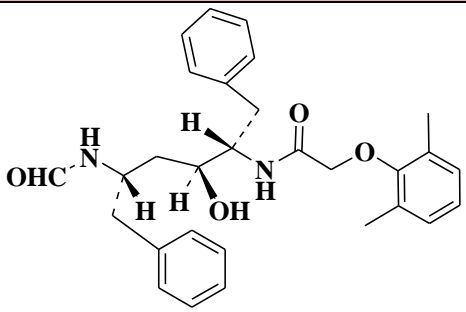
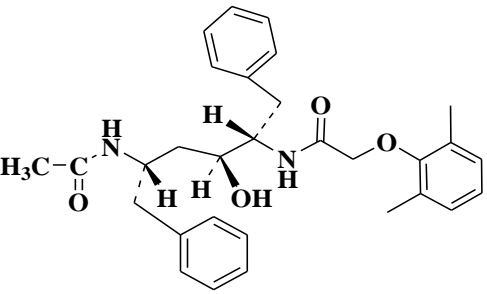
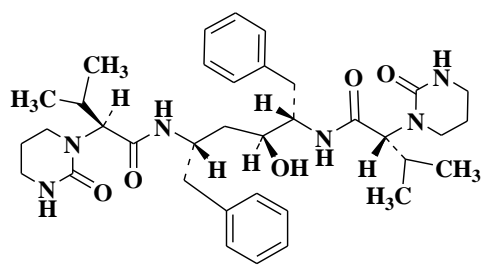
2.	Levetiracetam related compound-B	(S)-2-Aminobutanamide hydrochloride		7682-20-4	
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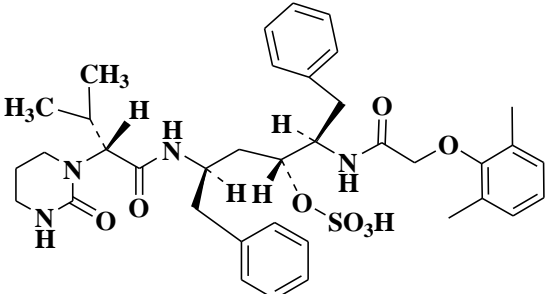
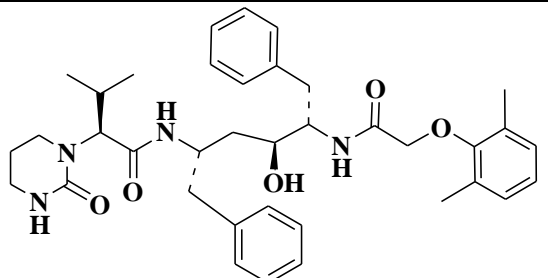
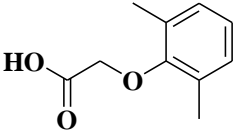
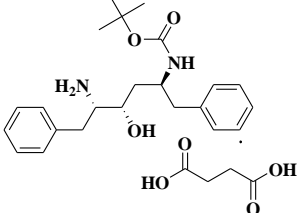
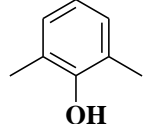
LINAGLIPTIN

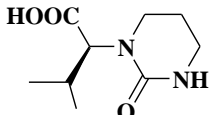
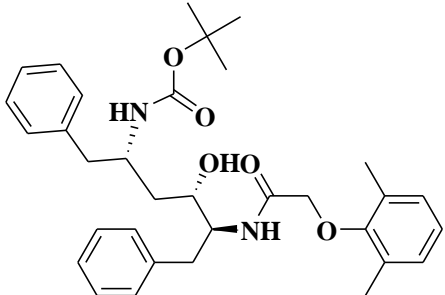
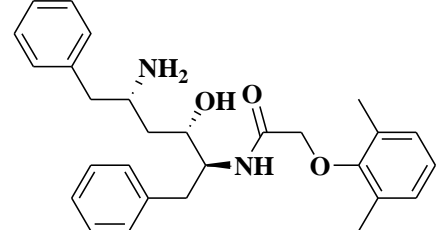
1.	Linagliptin impurity-A	Tert-butyl-1-(7-(but-2ynyl)-2, 3, 6, 7-tetrahydro-3-methyl-2,6-dioxo-1H-purin-8-yl)piperidine-3-carbamate.		N/A	
2.	Linagliptin impurity-B	8-(3-Aminopiperidin-1-yl)-7-(but-2ynyl)-3-methyl-1H-purine-2,6 (3H,7H)-dione.		N/A	

3.	Linagliptin	1-[(4-Methyl-quinazolin-2-yl)methyl]-3-methyl-7-(2-butyn-1-yl)-8-(3-(R)-amino-piperidin-1-yl)-xanthine (Or) 8-[(3R)-3-Aminopiperidin-1-yl]-7-(but-2-yn-1-yl)-3-methyl-1-[(4-methyl quinazolin-2-yl)methyl]-3,7-dihydro-1H-purine-2,6-dione		668270-12-0	
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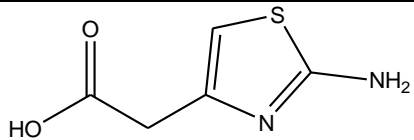
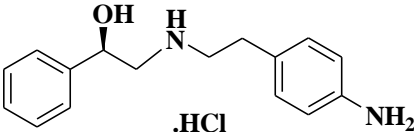
4.	2-(Chloromethyl)-4-methyl quiazoline	2-(Chloromethyl)-4-methyl quiazoline		109113-72-6	
5.	8-Bromo-7-(2-butynyl)-3,7-dihydro-3-methyl-1H-purine 2,6-dione	8-Bromo-7-(2-butynyl)-3,7-dihydro-3-methyl-1H-purine 2,6-dione		666816-98-4	
6.	(R) -3-(Boc-amino) piperidine	(R) -3-(Boc- amino) piperidine		309956-78-3	
7.	LGP-I	1-[(4-Methyl-quinazolin-2-yl)methyl]-3-methyl-7-(2-butyn-1-yl)-8-bromoxanthine		853029-57-9	
8.	N-BOC-Linagliptin (LGP-II)	tert-butyl (R)-1-(7-(but-2-ynyl)-2,3,6,7-tetrahydro-3-methyl-1-((4-methylquinazolin-2-yl)methyl)-2,6-dioxo-1H-purin-8-yl)piperidin-3-ylcarbamate		668273-75-4	

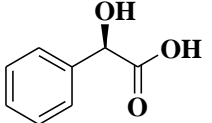
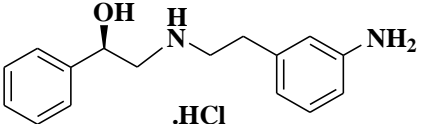
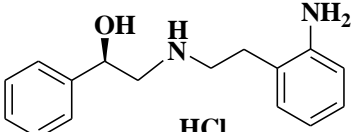
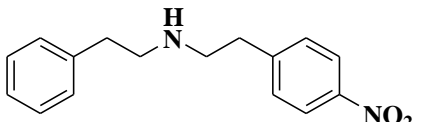
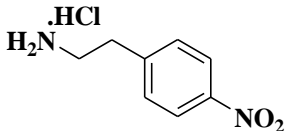
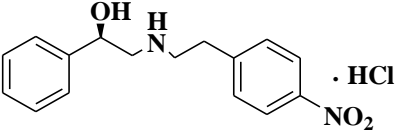
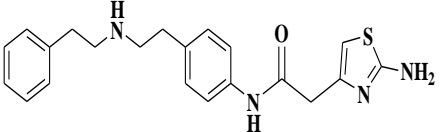
LOPINAVIR					
1.	Lopinavir N-formyl phenoxyacetamide	2-(2,6-Dimethylphenoxy)-N-[(2S, 3S, 5S)-5-formamido-3-hydroxy-1,6-diphenylhexan-2-yl]acetamide		N/A	
2.	Lopinavir N-acetyl phenoxy acetamide	N-[(2S, 3S, 5S)-5-Acetamido-3-hydroxy-1,6-diphenylhexan-2-yl]-2-(2,6-dimethylphenoxy) acetamide		N/A	
3.	Lopinavir divalinate	(2R)-N-[(1S,2S,4S)-1-benzyl-2-hydroxy-4-[[[(2S)-3-methyl-2-[2-oxotetrahydropyrimidin-1(2H)-yl]butanoyl]amino]-5-phenylpentyl]-3-methyl-2-[2-oxotetrahydropyrimidin-1(2H)-yl]butanamide		N/A	

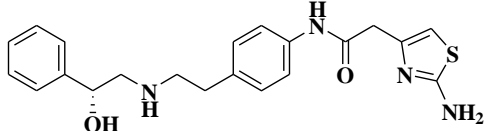
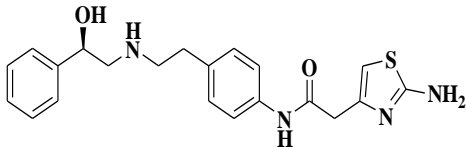
4.	Sulfolopinavir	(1R,3R)-1-[(1R)-1-[[2-(2,6-dimethylphenoxy)acetyl]amino]-2-phenylethyl]-3-[[[(2R)-3-methyl-2-[2-oxotetrahydro pyrimidin-1(2H)-yl] butanoyl] amino]-4-phenylbutyl hydrogen sulfate		N/A	
5.	Lopinavir	[1S-[1R*(R*), 3R*, 4R*]]-N-[4[[2,6-Dimethylphenoxy)acetyl]amino]-3-hydroxy-5-phenyl-1-(phenylmethyl)pentyl]-tetrahydro- α -(1-methylethyl)-2-oxo-1(2H)-pyrimidineacetamide		192725-17-0	
6.	2,6 Dimethyl phenoxy acetic acid	2,6-Dimethylphenoxy acetic acid		13335-71-2	
7.	LRV-II (Succinate salt)	(2S,3S,5S)-2-Amino-3-hydroxy-5-(t-butyloxycarbonylamino)-1,6-diphenylhexane succinate salt		169870-02-4	
8.	2,6-Xylenol	2,6-Xylenol		576-26-1	

9.	THBA	2S-(1-Tetrahydro-pyrimid-2-onyl)-3-methyl butanoic acid		192725-50-1	
10.	LRV-III	(2S,3S,5S)-2-(2,6-dimethylphenoxyacetyl)amino-3-hydroxy-5-(tert-butylloxycarbonylamino)-1,6-diphenylhexane		192725-45-4	
11.	LRV-IV	(2S,3S,5S)-2-(2,6-Dimethylphenoxy acetyl)amino-3-hydroxy-5-amino-1,6-diphenylhexane		192725-49-8	

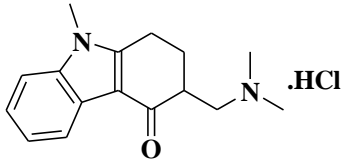
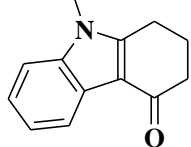
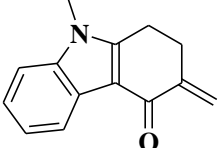
MIRABEGRON

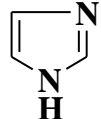
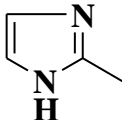
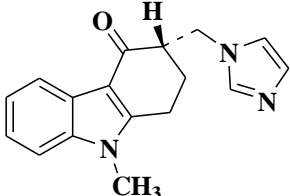
1.	2-(2-Amino thiazole-4-yl) acetic acid	2-(2-Amino thiazole-4-yl) acetic acid		29676-71-9	
2.	MBG-INT -III	(R)-2-(4-aminophenethylamino)-1-phenylethanol Hydrochloride.		521284-22-0	

3.	R-Mandellic acid	(R)-2-Hydroxy-2-phenylacetic acid		611-71-2	
4.	MBG-INT-III (3-NITRO)	(R)-2-(3-aminophenethylamino)-1-phenylethanol hydrochloride		N/A	
5.	MBG-INT-III (2-NITRO)	(R)-2-(2-aminophenethylamino)-1-phenylethanol hydrochloride		N/A	
6.	MBG-INT -II DESOXY	2-(4-Nitrophenyl)-N-phenethyl ethanamine hydrochloride.		N/A	
7.	MBG-INT-I(SM-II)	4-Nitrophenyl ethylamine.Hydrochloride		29968-78-3	
8.	MBG-INT-II	(R)-2-(4-nitrophenethylamino)-1-phenylethanol hydrochloride		521284-21-9	
9.	Mirabergon Desoxy Impurity	2-(2-Aminothiazol-4-yl)-N-(4-(2-(phenethylamino)ethyl) phenyl) acetamide		N/A	

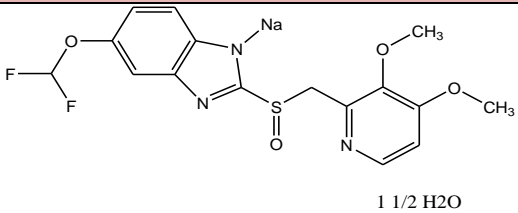
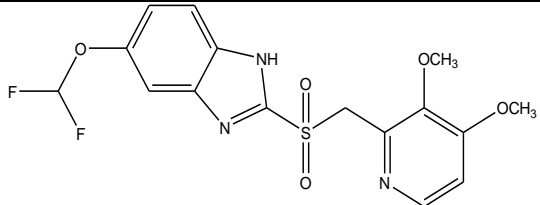
10.	Mirabergon (S-Isomer)	2-(2-amino-1, 3-thiazol-4-yl)-N-[4-(2-[[[(2S)-2-hydroxy-2-phenylethyl] amino] ethyl] phenyl] acetamide.		N/A	
11.	Mirabegron	2-(2-Amino-1,3-thiazol-4-yl)-N-[4-(2-[[[(2R)-2-hydroxy-2-phenylethyl] amino] ethyl]phenyl]acetamide (or) 2-Amino-N-[4-[2-[[[(2R)-2-hydroxy-2-phenylethyl] amino] ethyl] phenyl]-4-thiazoleacetamide		223673-61-8	

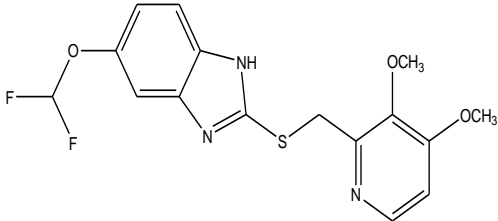
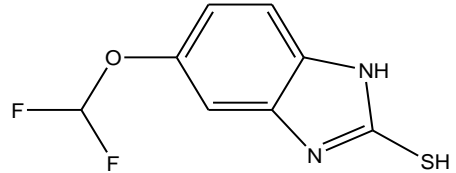
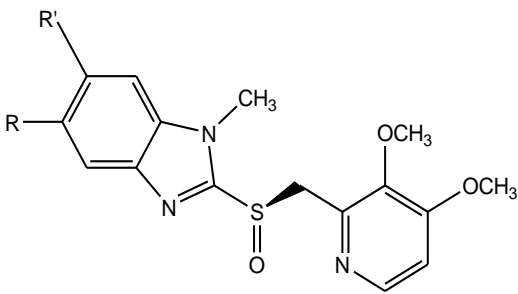
ONDANSETRON HYDROCHLORIDE

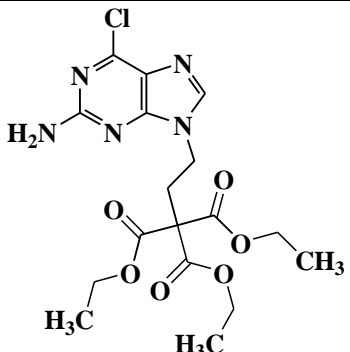
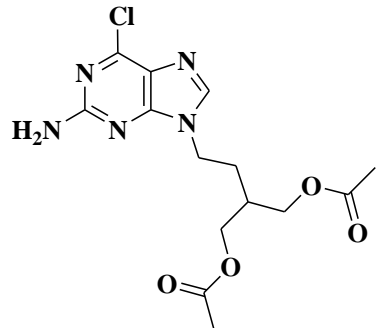
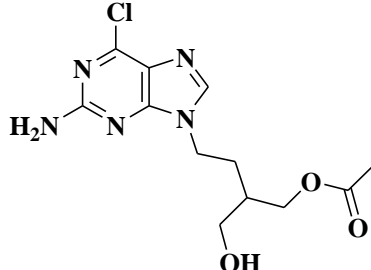
1.	Ondansetron related compound-A	[3-[(Dimethylamino)methyl]-1,2,3,9-tetrahydro-9-methyl-4H-carbazol-4-one] Hydrochloride		119812-29-2	
2.	Ondansetron related compound-C	1,2,3,9-tetrahydro-9-methyl-4H-carbazol-4-one		27387-31-1	
3.	Ondansetron related compound-D	2,3-dihydro-9-methyl-3-methylene-1H-carbazol-4(9H)-one		99614-64-9	

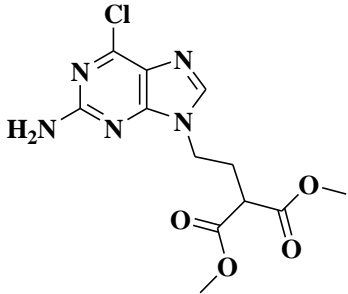
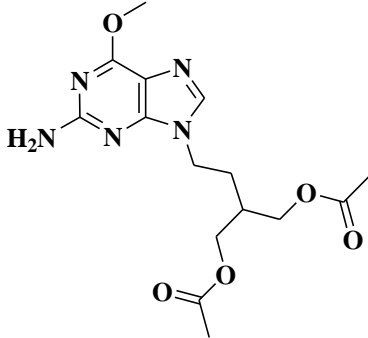
4.	Ondansetron related compound-E	1H-Imidazole		288-32-4	
5.	Ondansetron related compound-F	2-Methyl-1H-imidazole		693-98-1	
6.	Ondansetron impurity-G	(3RS)-3-[(1H-Imidazol-1-yl)methyl]-9-methyl-1,2,3,9-tetrahydro-4H-carbazol-4-one		99614-03-6	

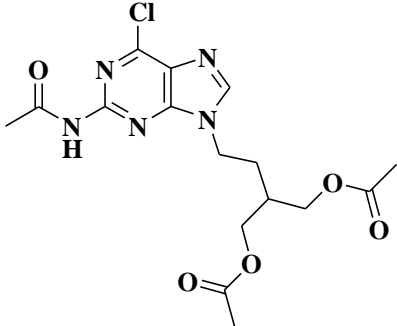
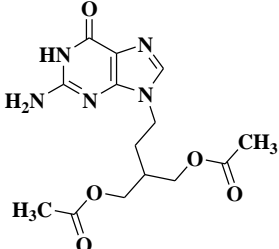
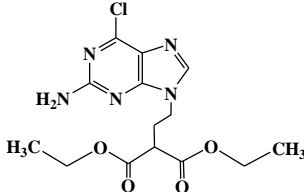
PANTOPRAZOLE SODIUM SESQUIHYDRATE

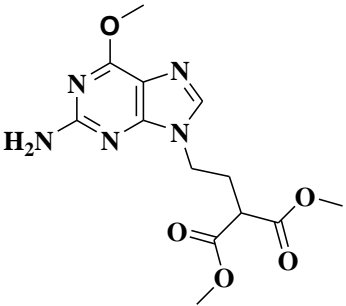
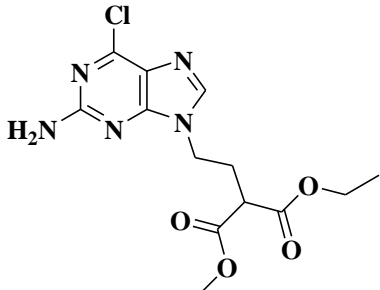
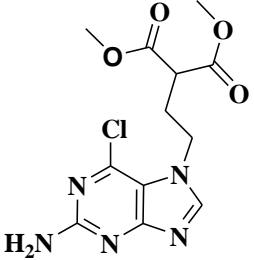
1.	Pantoprazole	Sodium 5-(difluoro methoxy)-2-[(RS)-[(3,4-dimethoxy pyridin-2-yl)methyl] sulfinyl]benimidazol-1-idesesqui hydrate	 1 1/2 H ₂ O	164579-32-2	
2.	Pantoprazole impurity-A	5-(Difluoro methoxy)-2-[[[3,4-dime thoxypyridin-2-yl)methyl] sulfonyl]-1H-benzimidazole		127780-16-9	

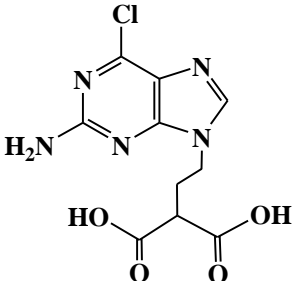
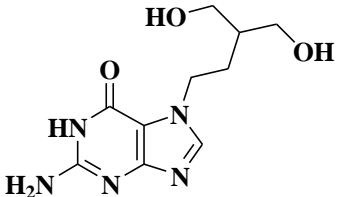
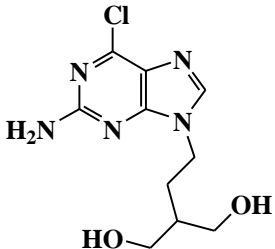
3.	Pantoprazole impurity-B	5-(Difluoro methoxy)-2-[[[(3,4-dimethoxypyridin-2-yl)methyl]sulfonyl]-1H-benzimidazole		102625-64-9	
4.	Pantoprazole impurity-C	5-Difluoromethoxy-1H-benzimidazole-2-thiol		97963-62-7	
5.	Pantoprazole impurity-D & F	R = OCHF ₂ , R' = H; 5-(Difluoro methoxy)-2-[(RS)-(3,4-dimethoxy pyridin-2-yl)methyl] sulfonyl]-1-methyl-1H-benzimidazole (Impurity-D) & R = H, R' = OCHF ₂ ; 6-(Difluoromethoxy)-2-[(RS)-(3,4-dimethoxypyridin-2-yl)methyl]sulfonyl]-1-methyl-1H-benzimidazole (Impurity-F)		624742-53-6	

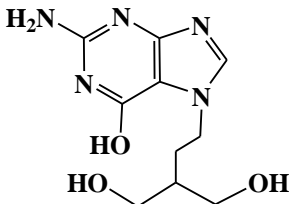
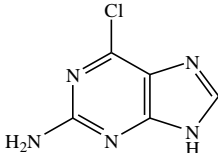
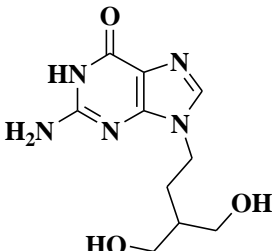
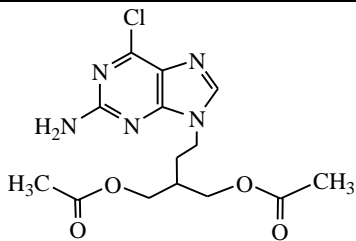
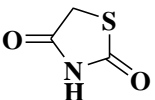
PENCICLOVIR					
1.	PEN-IA	2-Amino-6-chloro-9-(ethyl-2-bis-(carboethoxy)butanoate-4-yl) purine		N/A	
2.	BRL 46979/ PEN-II	2-[2-(2-amino-6-chloro-9H-purin-9-yl)ethyl]-1,3-propanediol-1,3-diacetate		N/A	
3.	BRL-048420	2-Amino-6-Chloro-9-(methyl-2-acetoxy-3-hydroxymethyl)butyl-1-yl)purine (Or)4-(2-amino-6-chloro-9H-purin-9-yl)-2-(hydroxy methyl)butyl acetate		N/A	

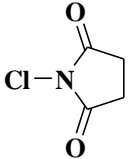
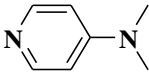
4.	PEN-I	2-Amino-6-Chloro-9-(methyl-2-carbomethoxybutanoate-1-yl)purine		N/A	
5.	SB-224875	9-(4-acetoxy-3-acetoxymethylbut-1-yl)-2-amino-6-methoxypurine		N/A	

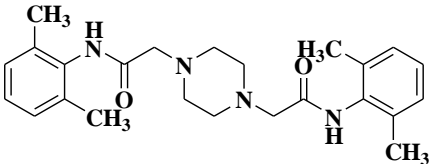
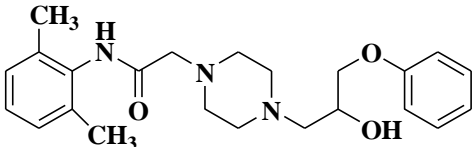
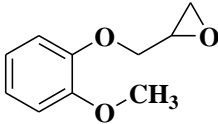
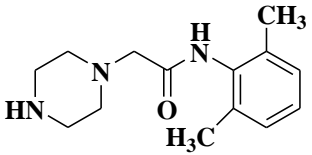
6.	SB-216483	2-Acetylamino-6-chloro-9-(4-acetoxymethylbut-1-yl)purine		N/A	
7.	PEN-Di-O-acetyl	2-(2-(2-amino-1,6-dihydro-6-oxopurin-9-yl)ethyl)-1,3-diacetoxopropane Or Di-O-Acetoxy Penciclovir		97845-72-2	
8.	PEN-I Diethyl ester	diethyl 2-(2-(2-amino-6-chloro-9H-purin-9-yl)ethyl)malonate		N/A	

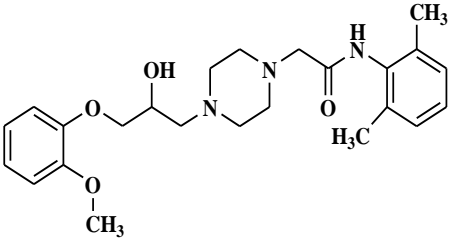
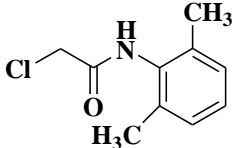
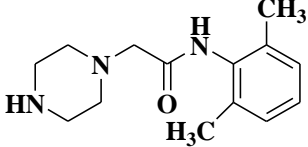
9.	PEN-I Methoxy Impurity	2-Amino-6-methoxy-9-(methyl-2-carbomethoxybutanoate-4-yl)purine		131266-11-0	
10.	ACP methyl ethyl ester Or PEN-I Un symmetrical ester	2-Amino-6-Chloro-9-(ethyl-2-carbomethoxybutanoate-4-yl)purine		N/A	
11.	PEN-I-7-Isomer	Dimethyl 2-(2-(2-amino-6-chloro-7H-purin-7-yl)ethyl)malonate		N/A	

12.	PEN-I-Acid	2-(2-(2-amino-6-chloro-9H-purin-9-yl)ethyl)malonic acid		N/A	
13.	PEN-III-N-7-Isomer	7-(4-hydroxy-3-(hydroxymethyl)butyl)guanine		127205-22-5	
14.	PEN-IIA	2-Amino-6-chloro-9-(2-hydroxy methylbutanol-4-yl)purine		172529-94-1	

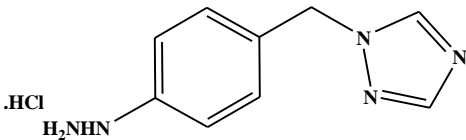
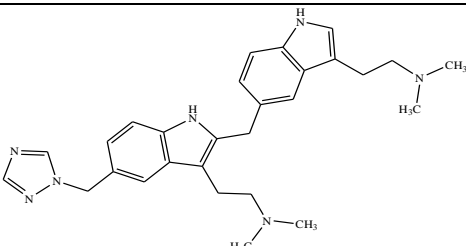
15.	BRL46970	7-(4-Hydroxy-3-hydroxymethylbut-1-yl)guanine		N/A	
16.	2-Amino-6-chloropurine (ACP)	2-Amino-6-chloropurine (ACP)		10310-21-1	
17.	PEN-III	9-(4-hydroxy-3-(hydroxymethyl)butyl)guanine		39809-25-1	
18.	PEN-II	2-[2-(2-Amino-6-chloro-9H-purin-9-yl)ethyl]-1,3-propanediol-1,3-diacetate (PEN-II)		97845-60-8	
19.	2,4-Thiazolidine dione	2,4-Thiazolidine dione		2295-31-0	

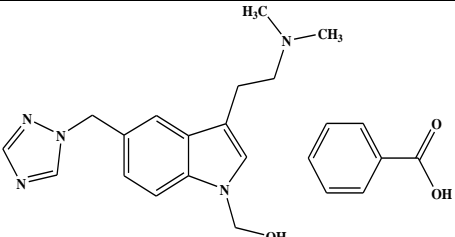
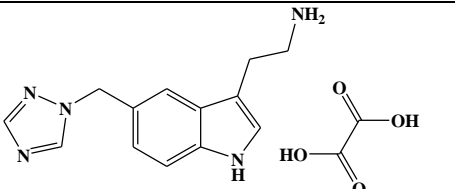
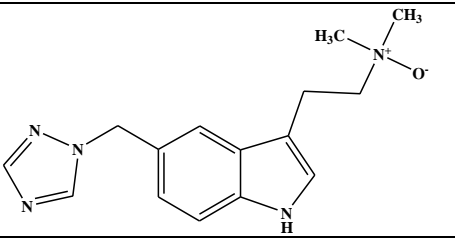
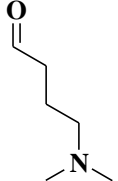
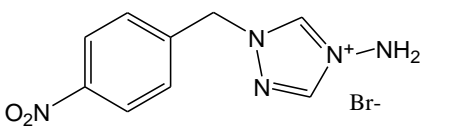
20.	NCS	N-Chlorosuccinimide		128-09-6	
21.	DMAP	4-Dimethylaminopyridine		1122-58-3	

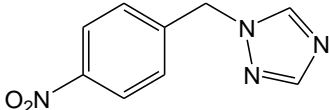
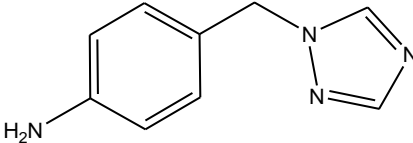
RANOLAZINE					
1.	RNZ-Bis piperazine acetamide impurity	2,2'-(Piperazine-1,4-diyl) bis[N-(2,6-dimethylphenyl)] acetamide		380204-72-8	
2.	RNZ-Desmethoxy impurity	N-(2,6-Dimethylphenyl)-2-[4-(2-hydroxy-3-phenoxypropyl) piperazin-1-yl]acetamide		755711-09-2	
3.	RNZ-INT	2-[(2-Methoxyphenoxy) methyl] Oxirane		2210-74-4	
4.	RNZ-II	N-(2, 6-Dimethylphenyl)-2-(piperazin-1-yl) acetamide		5294-61-1	

5.	Ranolazine	1-Piperazineacetamide, N-(2,6-dimethylphenyl)-4-[2-hydroxy-3-(2-methoxyphenoxy)propyl]-± (or) (±)-N-(2,6-Dimethylphenyl)-4-[2-hydroxy-3-(2-methoxyphenoxy)propyl]-piperazin-1-ylacetamide		95635-55-5	
6.	RNZ-I	2-Chloro-N-(2,6-dimethylphenyl)acetamide		1131-01-7	
7.	RNZ-II	N-(2,6-dimethylphenyl)-2-(piperazin-1-yl) acetamide		5294-61-1	

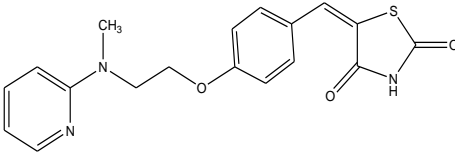
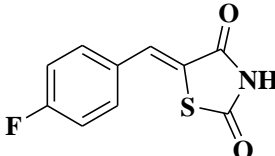
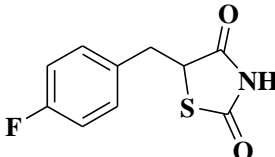
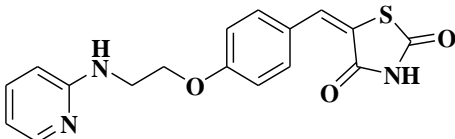
RIZATRIPTAN BENZOATE

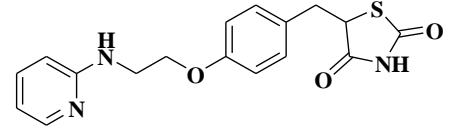
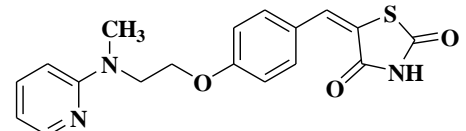
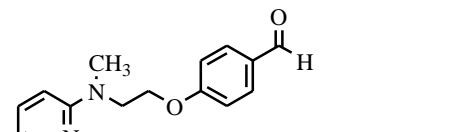
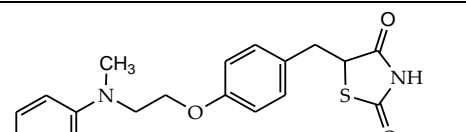
1.	RTZ-III A	1-(4-((1H-1,2,4-triazol-1-yl)methyl)phenyl)hydrazine Hydrochloride		212248-62-9	
2.	Rizatriptan impurity-2,5-Dimer	3-[2-(N,N-Dimethylamino) ethyl]-2-[[3-[2-(N,N-dimethylamino)ethyl]-1H-indol-5-yl]methyl]-1H-indol-5-yl]methyl-1H-1,2,4-triazole benzoate		1135479-44-5	

3.	Rizatriptan impurity-A	N,N-Dimethyl-5-((1H-1,2,4-triazol-1-yl)methyl)-1-hydroxymethyl-indol-3-yl)ethanamine.benzoate		N/A	
4.	Rizatriptan impurity-B	2-(5-((1H-1,2,4-Triazol-1-yl)methyl)-1H-indol-3-yl)ethanamine. oxalate		N/A	
5.	Rizatriptan impurity-C	2-(5-((1H-1,2,4-Triazol-1-yl)methyl)-1H-indol-3-yl)-N,N-dimethylethanamine oxide		N/A	
6.	4-(Dimethyl amine)butanal	4-(Dimethyl amine)butanal		104459-70-3	
7.	RTZ-I	4-Amino-1-(4-nitrobenzyl)-4H-1,2,4-triazolium bromide		N/A	

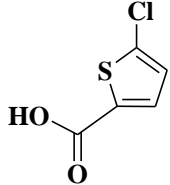
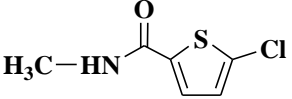
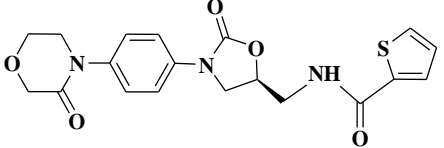
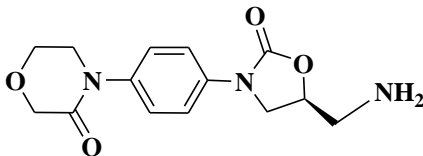
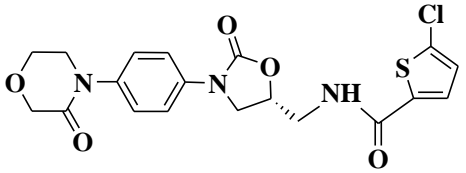
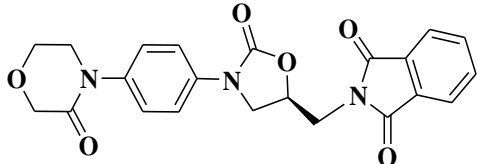
8.	RTZ-II	1H-1-[(4-Nitrophenyl)methyl]- [1,2,4]-triazole		119192-09-5	
9.	RTZ-III	1H-1-[(4-Aminophenyl) methyl]- 1,2,4-triazole		119192-10-8	

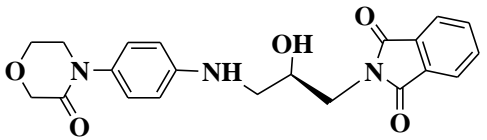
ROSIGLITAZONE MALATE

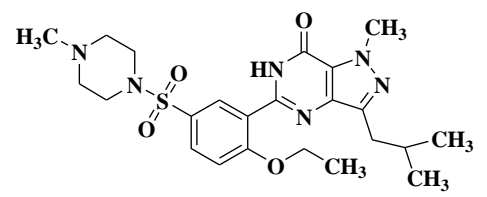
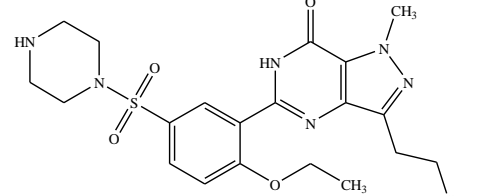
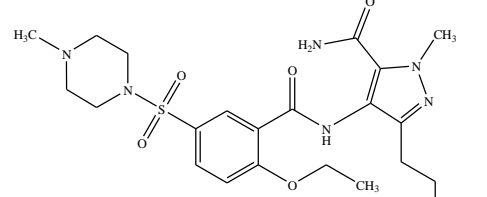
1.	Rosiglitazone related compound- A	5-[4-[2-[N-Methyl-N-(2- pyridinyl)amino]ethoxy] benzylidene]thiazolidine-2,4-dione		122320-74-5	
2.	In-house Rosiglitazone impurity-A	(Z)-5-(4-Fluorobenzylidene) thiazolidine-2,4-dione		291536-35-1	
3.	In-house Rosiglitazone impurity-B	5-(4-Fluorobenzyl)thiazolidine-2,4- dione		291536-42-0	
4.	In-house Rosiglitazone impurity-C	(Z)-5-(4-(2-Pyridine-2-yl- amino)ethoxy)benzylidene) thiazolidine-2,4-dione		N/A	

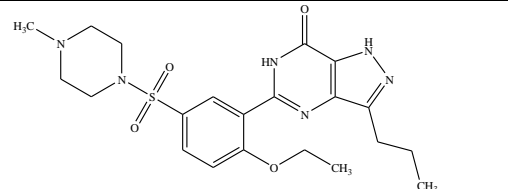
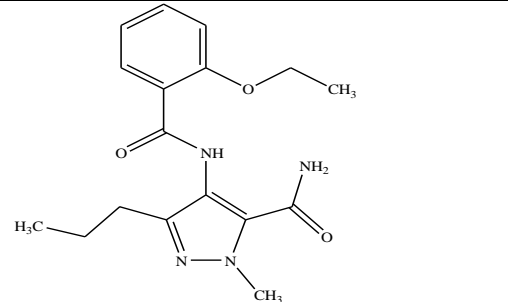
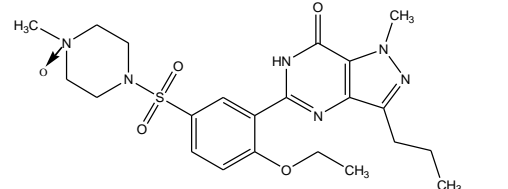
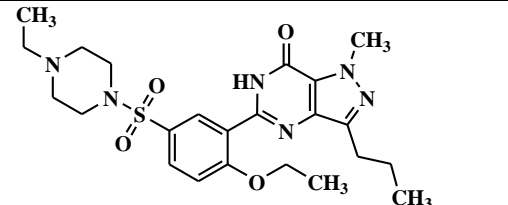
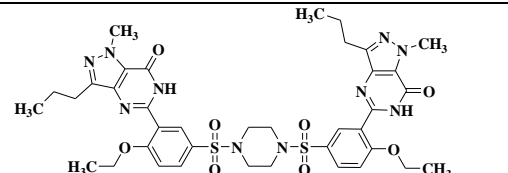
5.	In-house Rosiglitazone impurity-D	5-(4-(2-Pyridin-2-yl-amino)ethoxy)benzyl) thiazolidine-2,4-dione		N/A	
6.	ROS-IB	5-[4-[2-[N-Methyl-N-(2-pyridinyl)amino] ethoxy] benzy lidene] thiazolidine-2,4-dione		122320-74-5	
7.	ROS-IAB	4-[2-(Methyl-(2-pyridyl)amino)ethoxy] benzaldehyde		122321-03-3	
8.	ROS-II	5-[4-[2-(N-methyl-N-(2-pyridyl)amino)ethoxy]benzyl] thiozolidine-2,4-dione(ROS-II)		122320-73-4	

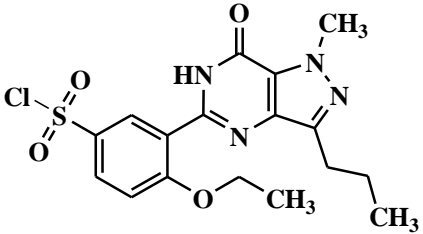
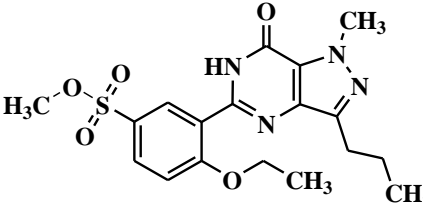
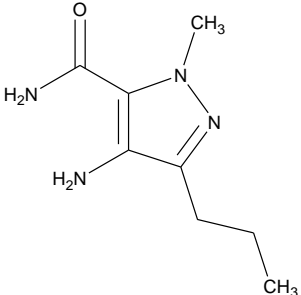
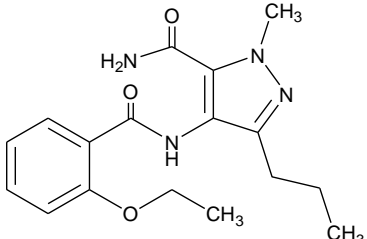
RIVAROXABAN

1.	Thiophene Acid impurity/ Impurity-A	5-Chlorothiophene-2-carboxylic acid		24065-33-6	
2.	Thiophene-N-methyl carboxamide/ Impurity-B	5-Chloro-N-methylthiophene-2-carboxamide		31166-29-7	
3.	Des Chloro Rivaroxaban / Impurity-C	N-((5S)-2-Oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-1,3-oxazolidin-5-yl)methyl)-2-thiophenecarboximide		N/A	
4.	Amino methyl impurity/ RBN-IIA	4-(4-((S)-5-(aminomethyl)-2-oxooxazolidin-3-yl)phenyl)morpholin-3-one		898543-06-1	
5.	Rivaroxaban R-Isomer	5-ChloroN-((5R)-2-Oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-1,3-oxazolidin-5-yl)methyl)-2-thiophenecarboximide		865479-71-6	
6.	RBN-II	2-((5S)-2-Oxo-3-[4-(3-oxo-4-morpholinyl)phenyl]-1,3-oxazolidin-5-yl)methyl)-1H-isoindole-1,3(2H)-dione		446292-08-6	

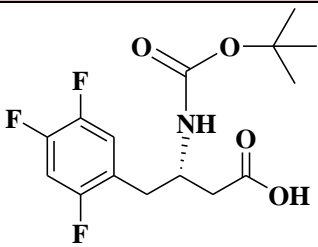
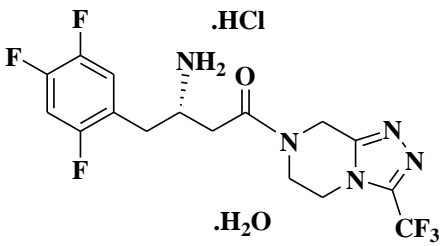
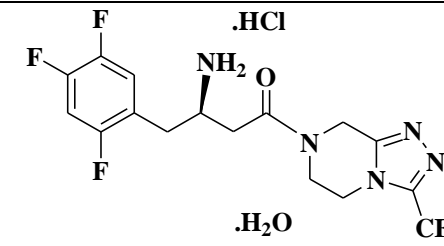
7.	RBN-I	2-((2R)-2-Hydroxy-3-{[4-(3-oxo-4-morpholinyl) phenyl] amino} propyl)-1H-isoindole-1,3(2H)-dione		446292-07-5	
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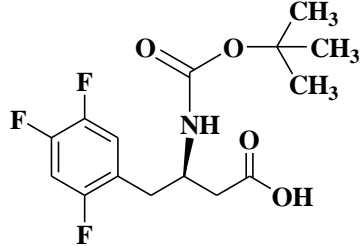
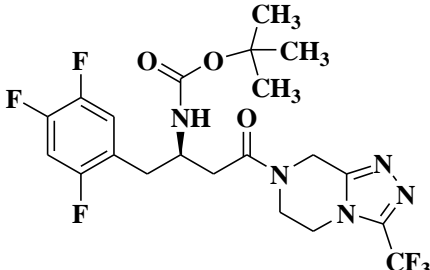
SILDENAFIL CITRATE					
1.	Sildenafil isobutyl impurity	5-[2-Ethoxy-5-(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-(2-methylpropyl)-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one		1391053-95-4	
2.	Sildenafil impurity-A	5-(2-Ethoxy-5-(piperazin-1-yl)sulfonyl)phenyl)-1-methyl-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-7(6H)-one		139755-82-1	
3.	Sildenafil impurity-B	4-(2-Ethoxy-5-((4-methylpiperazin-1-yl)sulfonyl)benzamido)-1-methyl-3-propyl-1H-pyrazole-5-carboxamide		N/A	

4.	Sildenafil impurity-C	5-(2-Ethoxy-5-((4-methylpiperazin-1-yl)sulfonyl)phenyl)-3-propyl-1H-pyrazolo[4,3-d] pyrimidin-7(6H)-one		N/A	
5.	Sildenafil impurity-D	4-(2-Ethoxybenzamido)-1-methyl-3-propyl-1H-pyrazole-5-carboxamide		N/A	
6.	Sildenafil N-oxide impurity	5-[2-Ethoxy-5-[(4-methyl-4-oxidopiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-propyl-1,6-dihydro-7H-pyrazolo[4,3-d] pyrimidin-7-one		1094598-75-0	
7.	Sildenafil N-Ethyl impurity	1-[[3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]-pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4-ethylpiperazine		N/A	
8.	Sildenafil dimer impurity	Bis-1,4-[4-ethoxy-3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo [4,3-d] pyrimidin-5-yl)-benzenesulfonyl] piperazine		N/A	

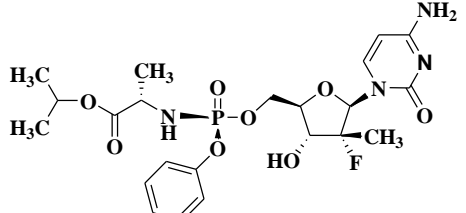
9.	Sildenafil chlorosulfonyl impurity	4-Ethoxy-3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)benzene-1-sulfonyl chloride (or) 5-(5-Chlorosulphonyl-2-ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo [4,3-d] pyrimidine-7-one		139756-22-2	
10.	Sildenafil methyl sulfonate impurity	Methyl-4-ethoxy-3-(6,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)benzenesulfonate		N/A	
11.	SLC-IIIA	1-Methyl-4-amino-3-propyl-1H-pyrazole-5-carboxamide		139756-02-8	
12.	SLC-IIIB	4-(2-Ethoxy-benzamido)-1-methyl-3-propyl-1H-pyrazole-5-carboxamide		139756-03-9	

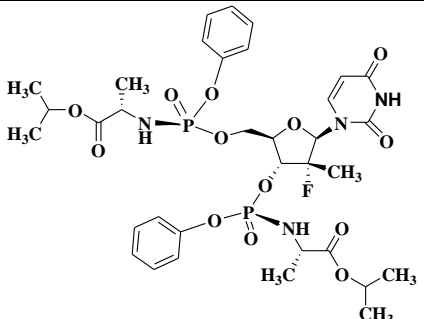
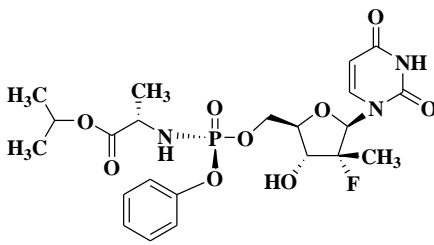
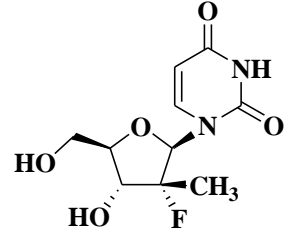
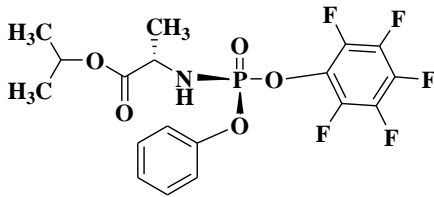
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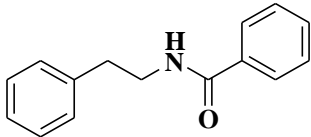
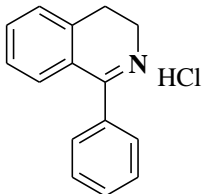
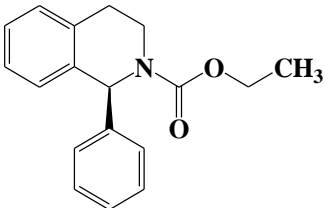
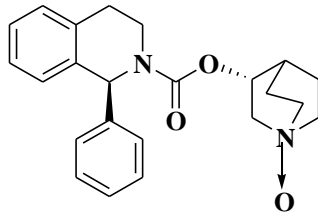
1.	SGN-VII S-Isomer	Boc-(S)-3-Amino-4-(2,4,5-trifluorophenyl) butanoic acid		922178-94-7	
2.	SGN-IX S-Isomer	(2S)-4-oxo-4-[3-(trifluoro methyl)-5,6-dihydro [1, 2, 4] triazolo [4,3-a]pyrazin-7(8H)-yl]-1-(2,4,5-trifluorophenyl) butan-2-amine hydrochloride monohydrate. (or) (3S)-3-Amino-1-[3-trifluoromethyl)-5,6-dihydro[1,2,4] triazolo[4,3-a]pyrazin-7(8H)-yl]-4-(2,4,5-trifluorophenyl) butan-1-one hydrochloride monohydrate.		N/A	
3.	Sitagliptin hydrochloride	(2R)-4-oxo-4-[3-(trifluoromethyl)-5,6-dihydro[1,2,4]triazolo [4,3-a]pyrazin-7(8H)-yl]-1-(2,4,5-trifluorophenyl)butan-2-amine Hydrochloride monohydrate.		862156-92-1	

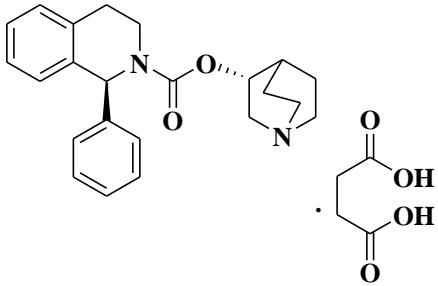
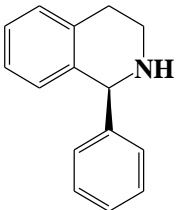
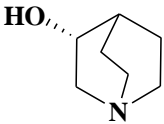
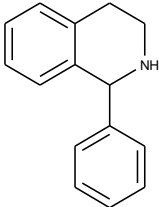
4.	SGN-VII	Boc-(R)-3-Amino-4-(2,4,5-trifluorophenyl)butanoic acid		486460-00-8	
5.	SGN-VIII	tert-Butyl (R)-4-(3-(trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo [4,3-a]pyrazin-7(8H)-yl)-1-(2,4,5-trifluorophenyl)-4-oxobutan-2-ylcarbamate		N/A	

SOFOSBUVIR

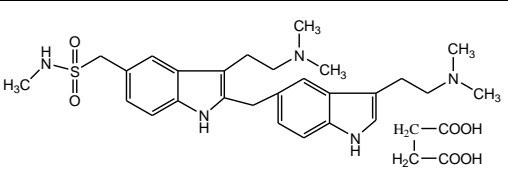
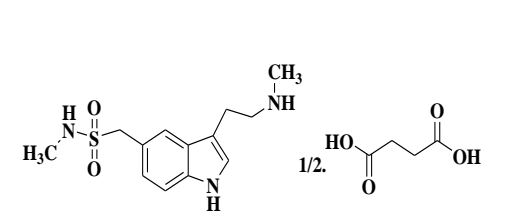
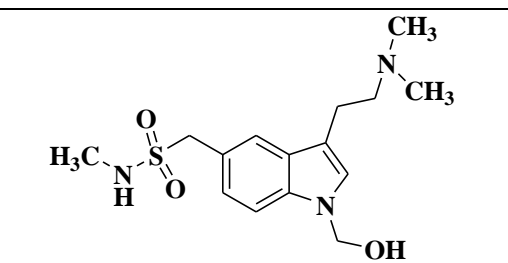
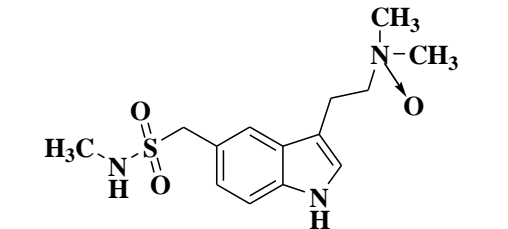
1.	Sofosbuvir amine impurity	Isopropyl ((S)-(((2R,3R,4R,5R)-5-(4-amino-2-oxopyrimidin-1(2H)-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphoryl)-L-alaninate		N/A	
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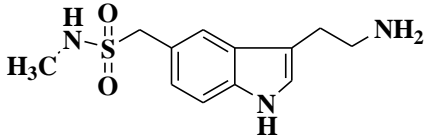
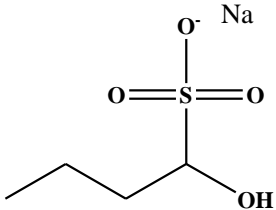
2.	Sofosbuvir dimer impurity	Isopropyl (((((2R,3R,4R,5R)-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-4-fluoro-2-(((S)-((S)-1-isopropoxy-1-oxopropan-2-yl)amino)(phenoxy)phosphoryl)oxy)methyl)-4-methyltetrahydrofuran-3-yl)oxy)(phenoxy)phosphoryl)-L-alaninate		1256490-29-5	
3.	Sofosbuvir	Isopropyl ((2S(P))-2-[[[(2R,3R,4R,5R)-5-(2,4-dioxypyrimidin-1-yl)-4-fluoro-3-hydroxy-4-methyl-tetrahydrofuran-2-yl]methoxy-phenoxy-phosphoryl]amino]propanoate		1190307-88-0	
4.	SBR SM-I	2'-Deoxy-2'-fluoro-2'-C-methylcytidine		863329-66-2	
5.	SBR SM-II OR Penta fluorophenyl analog	(S)-2-[-(S)-(2,3,4,5,6-Pentafluorophenoxy)-phenoxy-phosphorylamino]propionic acid isopropyl ester		1334513-02-8	

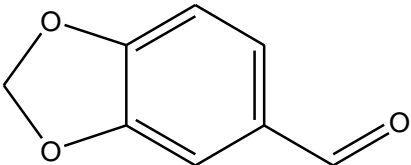
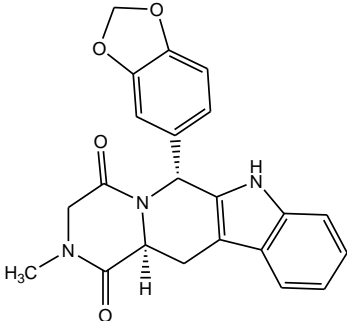
SOLIFENACIN SUCCINATE					
1.	Phenethylbenzamide (SFN-I)	N-Phenethylbenzamide		3278-14-6	
2.	Phenyldihydroisoquinoline (SFN-IIA)	1-Phenyl-3,4-dihydroisoquinoline hydrochloride		52250-51-8	
3.	Phenyltetrahydroisoquinoline ethyl carbamate(SFN-IVA)	Ethyl (S)-1-phenyl-3,4-dihydroisoquinoline-2(1H)-carboxylate		180468-42-2	
4.	Solifenacin N-oxide	(R)-3-[[[(S)-1-Phenyl-1,2,3,4-tetrahydroisoquinoline-2-carbonyl]oxy}quinuclidine 1-oxide.		180272-28-0	

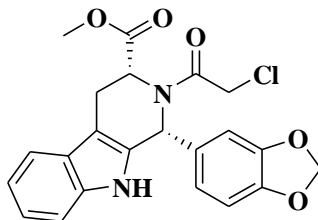
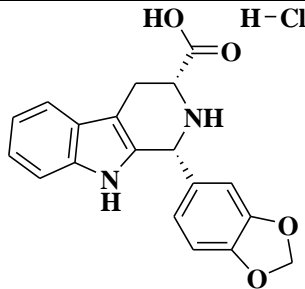
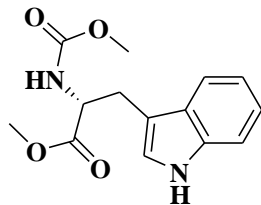
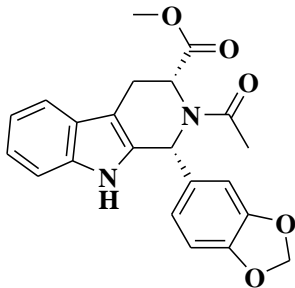
5.	Solifenacin succinate	Butanedioic acid, compound with (1S)-(3R)-1- azabicyclo[2.2.2]oct-3-yl 3,4-dihydro-1-phenyl-2(1H)-isoquinoline carboxylate (or) (R)-Quinuclidin-3-yl (S)-1-Phenyl-3,4-dihydroisoquinoline 2(1H)- carboxylate succinate salt		242478-38-2	
6.	SFN-IV	(S)-1-Phenyl-1,2,3,4-tetrahydroisoquinoline		118864-75-8	
7.	R-(-)-3Quinuclidinol	R-(-)-3Quinuclidinol		25333-42-0	
8.	SFN-III	1,2,3,4-tetrahydro-1-phenylisoquinoline		22990-19-8	

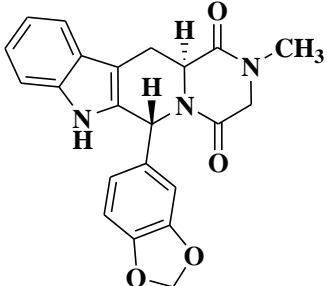
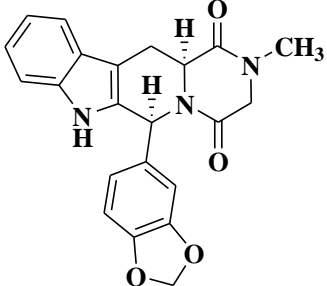
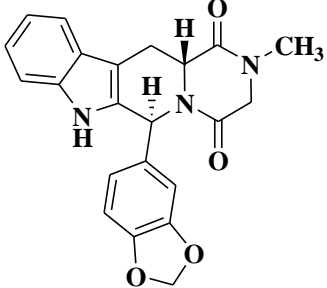
SUMATRIPTAN SUCCINATE

1.	Sumatriptan succinate related compound-A	[3-[2-(Dimethyl amino)ethyl]-2-[[3-[2-(dimethyl amino)ethyl]-1H-indol-5-yl]methyl]-1H-indole-5-yl]-N-methylmethanesulphonamide succinate		N/A	
2.	Sumatriptan related compound-B	N-Methyl [3-[2-(methylamino)ethyl]-1H-indol-5-yl] methane sulphonamide. Hemi succinate (or) [3-[2-(Methyl amino)ethyl]-1H-indol-5-yl]-N-Methylmethane sulphonamide. Hemi succinate		N/A	
3.	Sumatriptan related compound-C	[3-[2-(Dimethyl amino)ethyl]-1-(hydroxy methyl)-1H-indol-5-yl]-N-methyl methanesulphonamide		1797905-62-4	
4.	Sumatriptan related compound-D	N,N-Dimethyl-2-[5-(methyl sulphonyl)methyl]-1H-indol-3-yl] Ethan amine-N-oxide (or) [3-[2-(Dimethylamino-N-oxide)ethyl]-1H-indol-5-yl]-N-methylmethanesulfonamide		N/A	

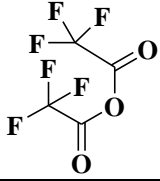
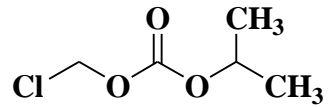
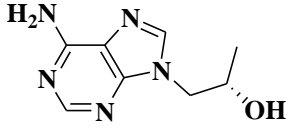
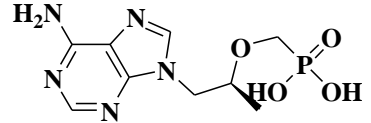
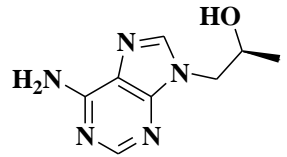
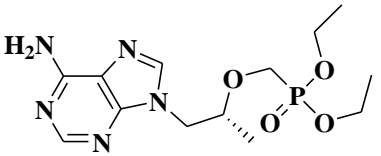
5.	Sumatriptan related compound-E	[3-(2-Aminoethyl)-1H-indol-5-yl]-N-methyl methanesulphonamide		88919-22-6	
6.	4-Chloro butyraldehyde sodium bisulphite	4-Chloro butyraldehyde sodium bisulphite		54322-20-2	

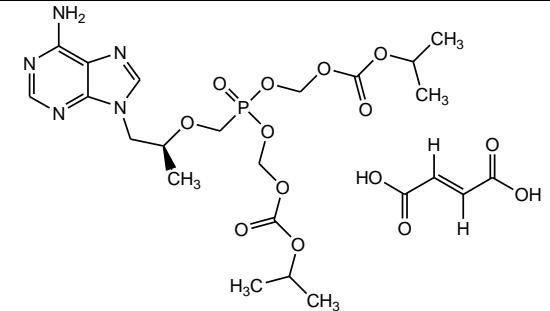
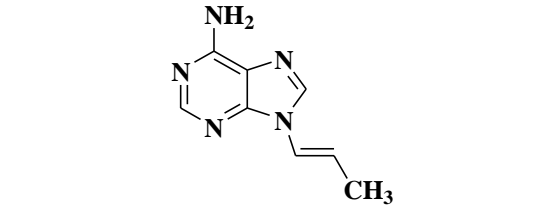
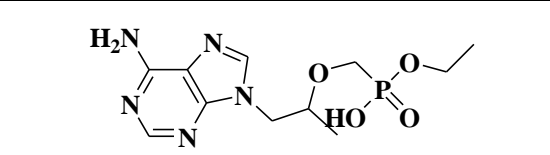
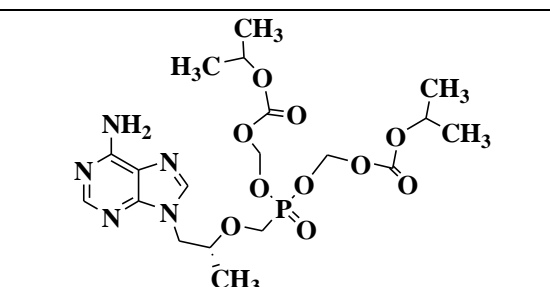
TADALAFIL					
1.	Tadalafil impurity-A	Benzo[d][1,3]dioxole-5-carbaldehyde		120-57-0	
2.	Tadalafil impurity-B	(6R-Cis)-6-(1,3-benzodioxol-5-yl)-2,3,6,7,12,12a-hexahydro-2-methylpyrazino [1',2':1,6]pyrido[3,4-b]indole-1,4-dione		N/A	

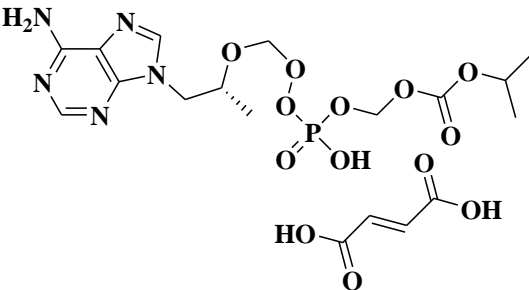
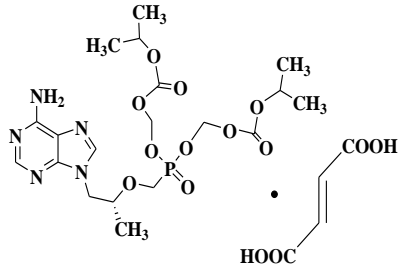
3.	Tadalafil impurity-C	(1R, 3R)-methyl-1-(benzo[d][1,3]dioxol-5-yl)-2-(2-chloroacetyl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate		171489-59-1	
4.	Tadalafil impurity-1	(1R,3R)-1-(Benzo[d][1,3]dioxol-5-yl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylic acid hydrochloride		N/A	
5.	Tadalafil impurity-2	Methyl (R)-1-(methoxy carbonyl)-2-(1H-indol-3-yl)ethyl carbamate		N/A	
6.	Tadalafil impurity-3	(1R,3R)-Methyl 2-acetyl-1-(benzo[d][1,3]dioxol-5yl)-2,3,4,9-tetrahydro-1H-pyrido[3,4-b]indole-3-carboxylate		N/A	

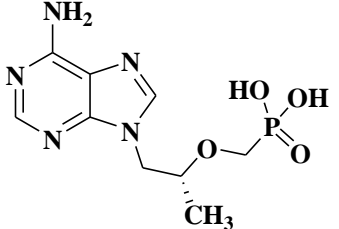
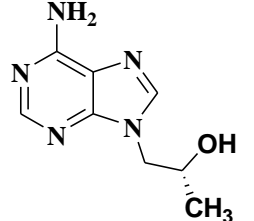
7.	Tadalafil diastereomer (6R, 12aS)	(6R, 12aS)-6-(1,3-Benzodioxol-5-yl)- 2,3,6,7,12,12a-hexahydro-2-methyl- pyrazino[1',2':1,6]pyrido[3,4- b]indole-1,4-dione		171596-27-3	
8.	Tadalafil enantiomer (6S, 12aS)	(6S, 12aS)-6-(1,3-Benzodioxol-5-yl)- 2,3,6,7,12,12a-hexahydro-2-methyl- pyrazino[1',2':1,6]pyrido[3,4- b]indole-1,4-dione		629652-72-8	
9.	Tadalafil diastereomer (6S, 12aR)	(6S, 12aR)-6-(1,3-Benzodioxol-5-yl)- 2,3,6,7,12,12a-hexahydro-2-methyl- pyrazino [1',2':1,6]pyrido[3,4- b]indole-1,4-dione		171596-28-4	

TENOFOVIR DISOPROXIL FUMARATE

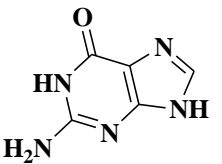
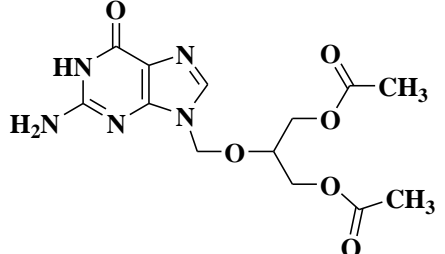
1.	Trifluoroacetic anhydride (TFAA)	Trifluoroacetic anhydride		407-25-0	
2.	Chloromethyl isopropyl carbonate (CMIC)	Chloromethylisopropyl carbonate		35180-01-9	
3.	TEN-I (ISOMER)	(S)-1-(6-Amino-9H-purin-9-yl)propan-2-ol		N/A	
4.	TEN-II (ISOMER)	Ethyl((S)-1-(6-amino-9H-purin-9-yl)propan-2-yloxy)methyl phosphonate		N/A	
5.	TEN-I/Regio isomer	(R)-1-(9H-purin-6-ylamino)propan-2-ol		N/A	
6.	TEN-IA	Diethyl ((R)-1-(6-amino-9H-purin-9-yl)propan-2-yloxy)methyl phosphonate		N/A	

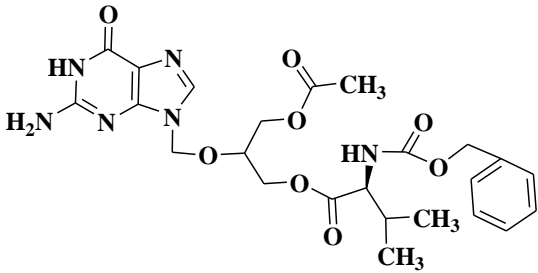
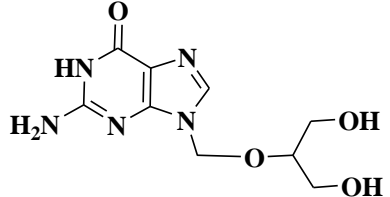
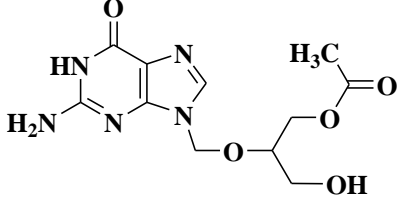
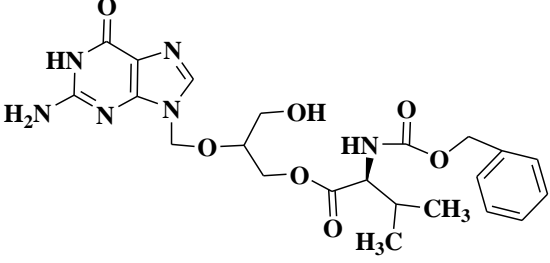
7.	Tenofovir disproxil S-Isomer	[[[(1S)-2-(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl] phosphonic acid disproxil fumarate		1280130-08-6	
8.	Tenofovir Related Compound -B	(E)-9-(Prop-1-enyl)-9H-adenine (or) (E)-9-(Prop-1-enyl)-9H-purin-6-amine		4121-40-8	
9.	Monoethyl ester	Ethyl hydrogen-(1-(6-amino-9H-purin-9-yl)-propan-2-yloxy)methyl phosphonate		N/A	
10.	Tenofovir disproxil	[[[(1R)-2(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]phosphonic acid Disoproxil		201341-05-1	

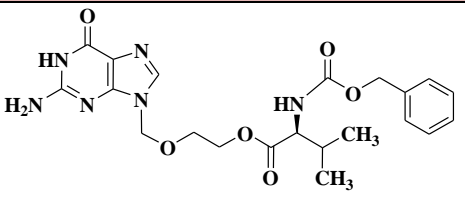
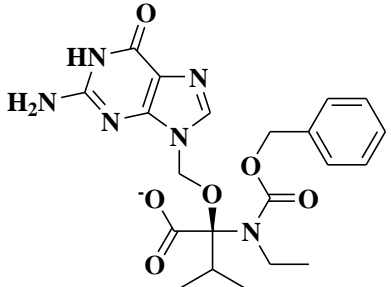
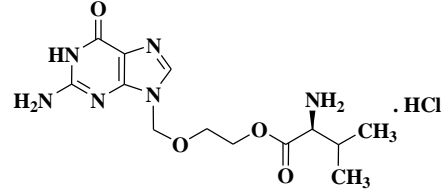
11.	Tenofvir isoproxil monoester	<p>((R)-1-(6-Amino-9H-purin-9-yl)propan-2-yloxy)methylphosphonyl methyl isopropyl carbonate fumarate (or)</p> <p>(((R)-1-(6-Amino-9H-purin-9-yl)propan-2-yloxy)methyl)(hydroxy)phosphoryloxy)methyl isopropyl carbonate fumarate</p>		N/A	
12.	Tenofvir disoproxil fumarate	<p>(R)-5-[[2-(6-Amino-9H-purin-9-yl)-1-methyl ethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanedioic acid, bis(1-methyl ethyl) ester, 5-oxide, (E)-2-butenedioate (1:1) (or)</p> <p>Bis(hydroxymethyl) [[(R)-2-(6-amino-9H-purin-9-yl)-1-methyl ethoxy] methyl]phosphonate, bis(isopropyl carbonate) (ester), fumarate (1:1) (or)</p> <p>9-[(R)-2-Bis[[isopropoxycarbonyl]oxy]methoxy] phosphinyl] methoxy]propyl]adenine fumarate (1:1)</p>		202138-50-9	

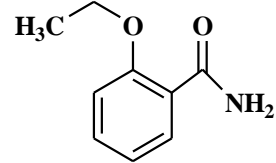
13.	TEN-II	((R)-1-(6-Amino-9H-purin-9-yl)propan-2-yloxy) methylphosphonic acid		147127-20-6
14.	TEN-I	R-1-(6-Amino-purin-9-yl)-propan-2-ol		14047-28-0

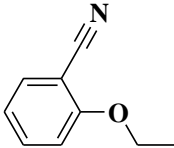
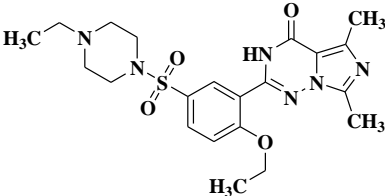
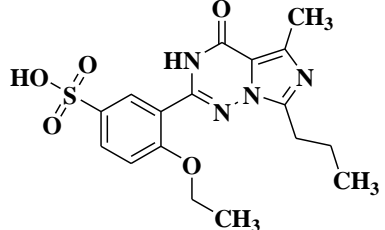
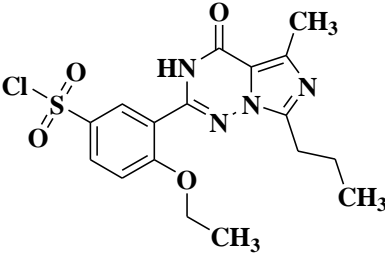
VALGANCICLOVIR

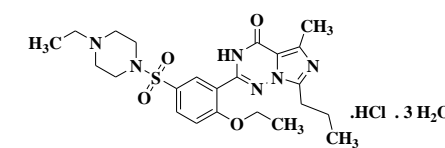
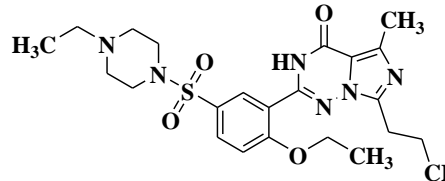
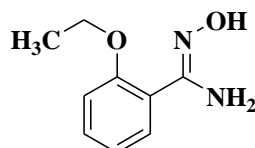
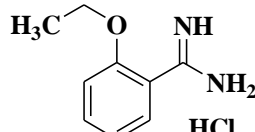
1.	Guanine	Guanine		73-40-5
2.	VGC-I	2-[(2-Amino-6-oxo-3,6-dihydro-9H-purin-9-yl)methoxy]-1,3-propanediyl diacetate		N/A

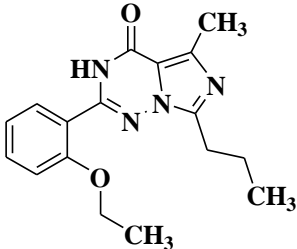
3.	VGC-III A	2-[(2-Amino-1,6-dihydro-6-oxo-1H-purin-9-yl)methoxy]-3-acetoxypropyl-N-(benzyloxy carbonyl)-L-valinate		N/A	
4.	VGC-II	2-Amino-1,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6H-purin-6-one (or) 9-[[1,3-dihydroxy-2-propoxy)methyl]guanine		N/A	
5.	VGC-III	2-[(2-Amino-6-oxo-3,6-dihydro-9H-purin-9-yl)methoxy]-3-hydroxypropyl acetate		N/A	
6.	VGC-IV	2-[(2-Amino-6-oxo-1,6-dihydro-9H-purin-9-yl)methoxy]-3-hydroxypropyl N-[(benzyloxy)carbonyl]-L-valinate		N/A	


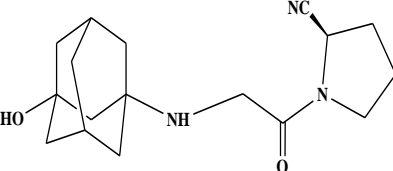
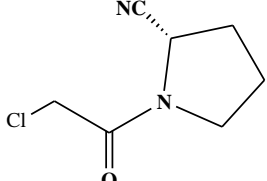
VALACYCLOVIR HYDROCHLORIDE				
1.	VAL-I	2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-yl) methoxy]ethyl-N-[(benzyloxy)carbonyl]-L-valinate		124832-31-1
2.	VAL-I (D-Isomer)	2-[(2-Amino-1,6-dihydro-6-oxo-9H-purin-9-yl)methoxy]ethyl-N-[(benzyloxy)carbonyl]-D-valinate		N/A
3.	Valacyclovir hydrochloride hydrate	L-Valine 2-[(2-amino-1,6-dihydro-6-oxo-9H-purin-9-yl) methoxy] ethyl ester Hydrochloride.		124832-27-5

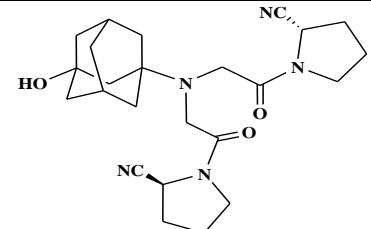
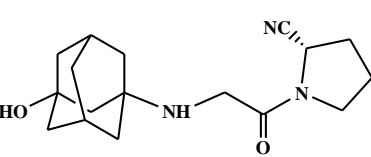
VARDENAFIL HYDROCHLORIDE TRIHYDRATE				
1.	2-Ethoxy benzamide	2-Ethoxybenzamide		938-73-8

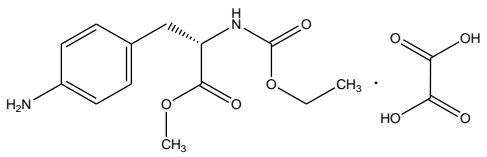
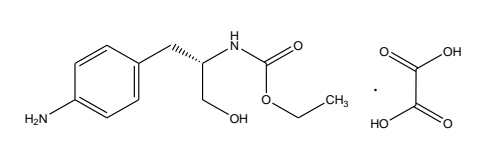
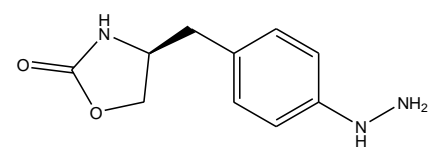
2.	2-Ethoxy benzonitrile	2-Ethoxy benzonitrile		6609-57-0	
3.	Vardenafil impurity-A	2-[2-Ethoxy-5-[(4-ethylpiperazine-1-yl)sulfonyl]phenyl]-5,7-dimethylimidazol[5,1-f][1,2,4]triazin-(3H)-one		N/A	
4.	Vardenafil impurity-B	4-Ethoxy-3-(5-methyl-4-oxo-7-propyl-3,4-dihydroimidazo [5,1-f][1,2,4]triazin-2-yl)benzenesulfonic acid		N/A	
5.	VDF-IV	2-[2-Ethoxy-5-[(4-ethylpiperazine-1-yl)sulfonyl] phenyl]-5-Methyl7propylimidazo [5, 1-f][Triazin-4(3H)-one hydrochloride trihydrate		N/A	

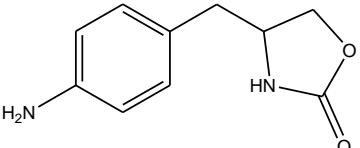
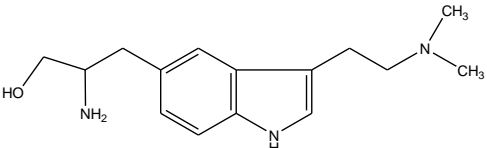
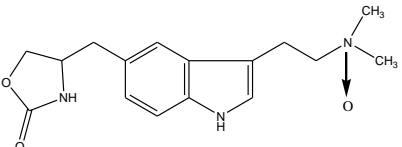
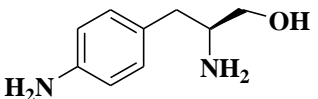
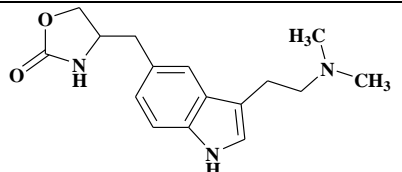
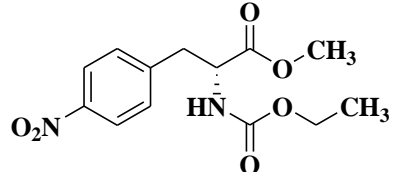
6.	Vardenafil hydrochloride trihydrate	2-[2-Ethoxy-5-[(4-ethylpiperazin-1-yl)sulfonyl]phenyl]-5- methyl-7-propylimidazo [5,1-f][1,2,4][triazin-4(3H)-one hydrochloride trihydrate (or) 1-[[3-(1,4-Dihydro-5-methyl-4-oxo-7-propylimidazo[5,1-f] [1,2,4]triazin-2-yl)-4-ethoxy phenyl]sulfonyl]-4-ethyl-Piperazine hydro chloride trihydrate	 <chem>CCN1CCN(CC1)S(=O)(=O)c2ccc(OCC)c3c2n4c(=O)c(C)nn4C.CCl.O.O.O</chem>	330808-88-3	
7.	VDF-V	2-[2-Ethoxy-5-(4-ethyl-piperazin-1-sulphonyl) -phenyl]-5-methyl-7-propyl-3H-imadazo [5,1-f] [1,2,4]triazin-4-one	 <chem>CCN1CCN(CC1)S(=O)(=O)c2ccc(OCC)c3c2n4c(=O)c(C)nn4CC</chem>	224785-90-4	
8.	VDF-I	2-Ethoxy-N'-hydroxybenzamidine	 <chem>CCOC1=CC=C(C=C1)C(=N1O)N1</chem>	879-57-2	
9.	VDF-II	2-Ethoxybenzamidine hydrochloride	 <chem>CCOC1=CC=C(C=C1)C(=N)N1.Cl</chem>	18637-00-8	

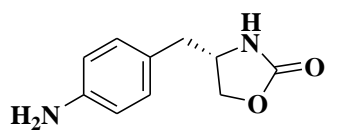
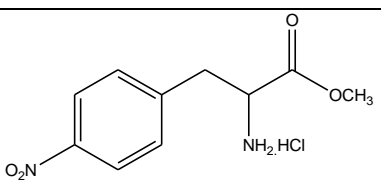
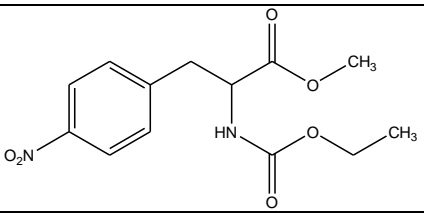
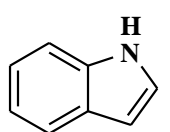
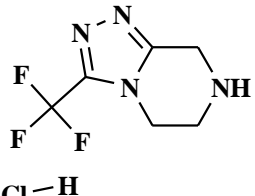
10.	VDF-III	2-(2-ethoxyphenyl)-5-methyl-7-propylimidazo[1,5-f][1,2,4]triazin-4(1H)-one		224789-21-3	
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VILDAGLIPTIN					
1.	3-Amino-1-adamantanol	3-amino-1-adamantanol		702-82-9	
2.	Vildagliptin (R-Isomer)	(2R)-1-[[[(3-Hydroxy tricyclo[3.3.1.1 ^{3,7}]dec-1-yl)amino]acetyl]-2-pyrrolidinecarbonitrile. (or) 1-[[[(3-Hydroxy-1-adamantyl) amino] acetyl]-2-cyano-(R)-pyrrolidine.		N/A	500
3.	VLG-III (R)-ISOMER	(R)-1-(2-chloroacetyl)pyrrolidine-2-carbonitrile		565452-98-4	

4.	Vildagliptin dimer impurity	(2S)-1-[[{2[(2S)-2-cyanopyrrolidin-1-yl]-2-oxyethyl}[(3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl)amino]]acetyl]-pyrrolidine -2-carbonitrile		1036959-23-5	
5.	Vildagliptin	(2S)-1-[[[(3-Hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl)amino]acetyl]-2-pyrrolidinecarbonitrile (or) 1-[[[(3-Hydroxy-1-adamantyl)amino]acetyl]-2-cyano-(S)-pyrrolidine		274901-16-5	

ZOLMITRIPTAN					
1.	ZM-IIB	Methyl (S)-N-ethoxycarbonyl-4-aminophenylalaninate oxalate		N/A	
2.	ZM-IIC	(S)-N-Ethoxycarbonyl-4-aminophenylalaninol oxalate		N/A	
3.	ZM-III/N A	(S)-4-(4-Hydrazinobenzyl)-2-oxazolidinone		171550-12-2	

4.	Zolmitriptan impurity-A	(S)-4-(4-Aminobenzyl)-2-oxazolidinone		152305-23-2	
5.	Zolmitriptan impurity-B	2-Amino-3-[3-[2-(dimethylamino)ethyl]-1H-indol-5-yl]propanol		139264-69-0	
6.	Zolmitriptan impurity-C	(4S)-4-[[3-[2-(Dimethylamino)ethyl]-1H-indol-5-yl]methyl]-2-oxazolidinone N-oxide		251451-30-6	
7.	ZM-III/N alcohol impurity	(S)-2-Amino-3-(4-aminophenyl)propan-1-ol		N/A	
8.	Zolmitriptan (R-Isomer)	(4R)-4-[[3-[2-(Dimethylamino)ethyl]-1H-indol-5yl]methyl]-2-oxazolidinone		N/A	
9.	ZM-II/A (R-isomer)	Methyl (R)-N-ethoxycarbonyl-4-nitrophenylalaninate		N/A	

10.	ZM-III/N (R-isomer)	(R)-4-(4-Aminobenzyl)-2-oxazolidinone		262857-90-9	
11.	ZM-II	Methyl-4-nitrophenylalaninate hydrochloride		N/A	
12.	ZM-IIA	Methyl (S)-N-ethoxycarbonyl-4-nitrophenylalaninate		N/A	
13.	INDOLE	1H-Indole		8047-67-4	
14.	Triazolopyrazine	3-(Trifluoromethyl)-5,6,7,8-tetrahydro-[1,2,4]triazolo[4,3-a]pyrazine hydrochloride		762240-92-6	