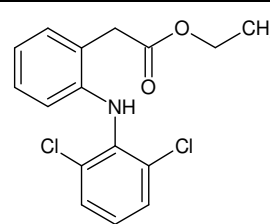
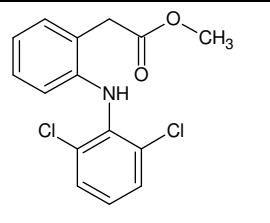
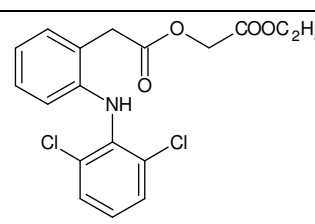
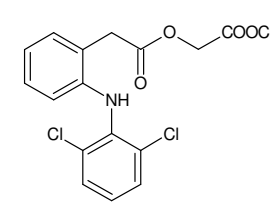
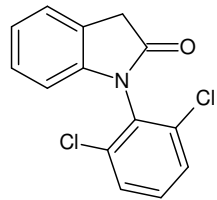
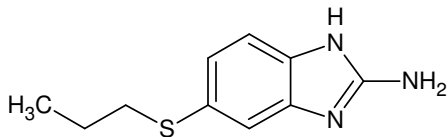
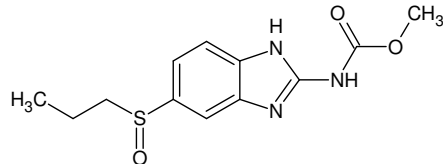
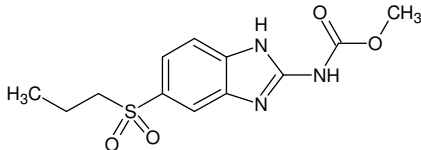


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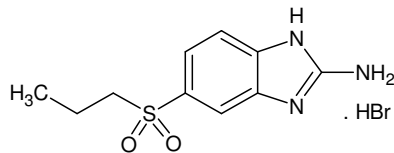
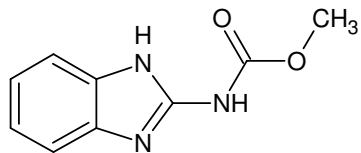
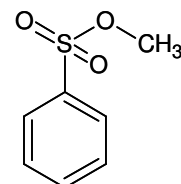
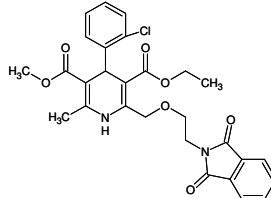
### List of Impurities

No	Drug Name	Designation/Chemical Name	Structure	Smiles
1	Aceclofenac	Ethyl {2-[(2,6-dichlorophenyl)amino]phenyl}acetate		<chem>Clc2cccc(Cl)c2Nc1cccc1CC(=O)OCC</chem>
2	Aceclofenac	Methyl {2-[(2,6-dichlorophenyl)amino]phenyl}acetate		<chem>Clc2cccc(Cl)c2Nc1cccc1CC(=O)OC</chem>
3	Aceclofenac	2-Ethoxy-2-oxoethyl {2-[(2,6-dichlorophenyl)amino]phenyl}acetate		<chem>Clc2cccc(Cl)c2Nc1cccc1CC(=O)OCC(=O)OCC</chem>
4	Aceclofenac	2-Methoxy-2-oxoethyl {2-[(2,6-dichlorophenyl)amino]phenyl}acetate		<chem>Clc2cccc(Cl)c2Nc1cccc1CC(=O)OCC(=O)OC</chem>

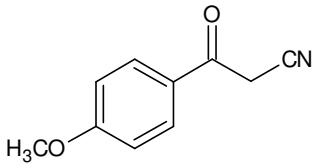
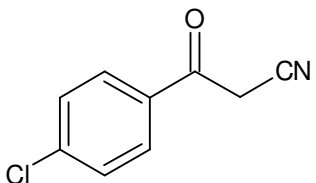
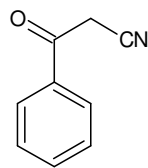
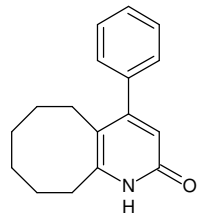
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
5	Aceclofenac	1-(2,6-dichlorophenyl)-1,3-dihydro-2H-indol-2-one		<chem>Clc1cccc(Cl)c1N2c3ccccc3CC2=O</chem>
6	Albendazole	Impurity A: 5-(Propylsulfanyl)-1H-benzimidazol-2-amine		<chem>CCCSc1cc2nc(N)nc2cc1</chem>
7	Albendazole	Impurity B: Methyl [5-(propylsulfinyl)-1H-benzimidazol-2-yl]carbamate		<chem>CCCS(=O)c1cc2nc(NC(=O)OC)nc2cc1</chem>
8	Albendazole	Impurity C: Methyl [5-(propylsulfonyl)-1H-benzimidazol-2-yl]carbamate		<chem>CCCS(=O)(=O)c1cc2nc(NC(=O)OC)nc2cc1</chem>

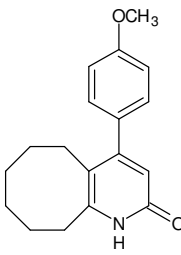
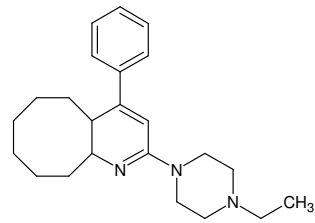
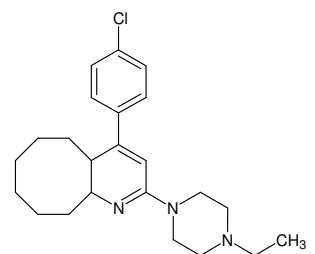
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
9	Albendazole	Impurity D: 5-(Propylsulfonyl)-1H-benzimidazol-2-amine Hydrobromide salt		<chem>CCCS(=O)(=O)c1cc2nc(N)nc2cc1</chem>
10	Albendazole	Impurity E: Methyl 1H-benzimidazol-2-ylcarbamate		<chem>O=C(OC)Nc1nc2ccccc2n1</chem>
11	Amlodipine	Methyl benzenesulfonate		<chem>COS(=O)(=O)c1ccccc1</chem>
12	Amlodipine	Phthaloyl Amlodipine		<chem>O=C(OCC)C=4C(c1ccccc1Cl)C(C(=O)OC)=C(C)NC=4COCCN3C(=O)c2ccccc2C3=O</chem>

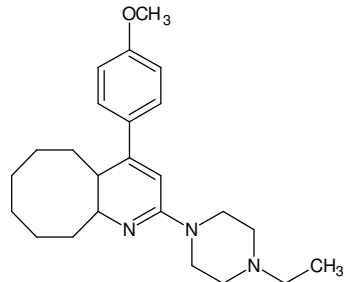
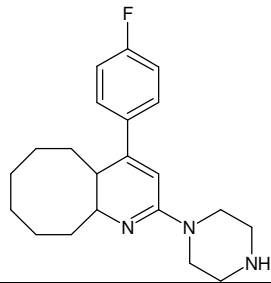
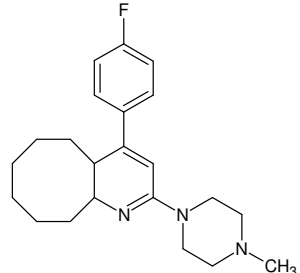
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
13	Blonanserin	3-(4-methoxyphenyl)-3-oxopropanenitrile		<chem>COc1ccc(cc1)C(=O)CC#N</chem>
14	Blonanserin	3-(4-chlorophenyl)-3-oxopropanenitrile		<chem>O=C(CC#N)c1ccc(Cl)cc1</chem>
15	Blonanserin	3-Oxo-3-phenylpropanenitrile		<chem>O=C(CC#N)c1ccccc1</chem>
16	Blonanserin	4-Phenyl-5,6,7,8,9,10-hexahydrocycloocta [b]pyridin-2(1H)-one		<chem>O=C1C=C(C=2CCCCCCC=2N1)c3ccccc3</chem>

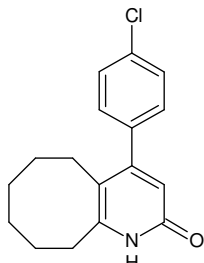
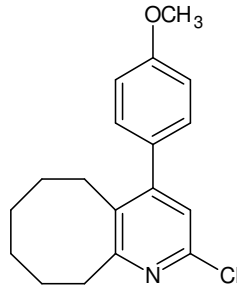
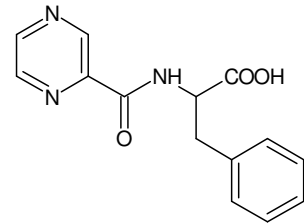
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
17	Blonanserin	4-(4-methoxyphenyl)-5,6,7,8,9,10-hexahydrocycloocta[b]pyridin-2(1H)-one		<chem>COc1ccc(cc1)C2=CC(=O)NC=3CCCCC2=3</chem>
18	Blonanserin	Desfluoro Blonanserin		<chem>CCN1CCN(CC1)C=3C=C(c2ccccc2)C4CCCCC4N=3</chem>
19	Blonanserin	Chloro Blonanserin		<chem>CCN1CCN(CC1)C=3C=C(c2ccc(Cl)c2)C4CCCCC4N=3</chem>

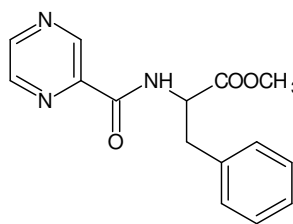
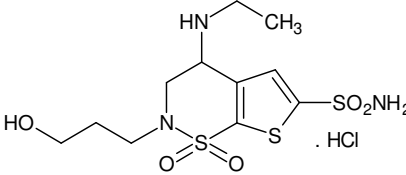
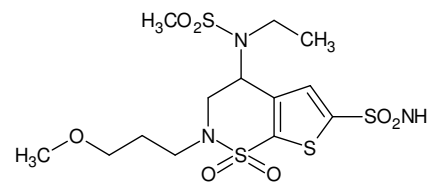
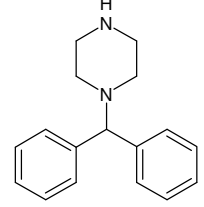
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
20	Blonanserin	Methoxy Blonanserin		<chem>CCN1CCN(CC1)C=3C=C(c2ccc(OC)cc2)C4CCCCCCC4N=3</chem>
21	Blonanserin	Desethyl Blonanserin		<chem>Fc1ccc(cc1)C3=CC(=NC2CCCCCCC23)N4CCNCC4</chem>
22	Blonanserin	N-Methyl Blonanserin		<chem>CN1CCN(CC1)C2=NC4CCCCCCC4C(=C2)c3ccc(F)cc3</chem>

## MAITREE RESEARCH PVT. LTD.

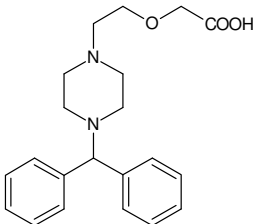
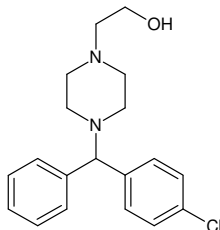
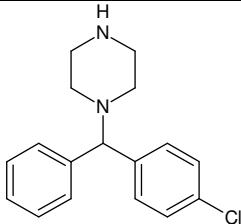
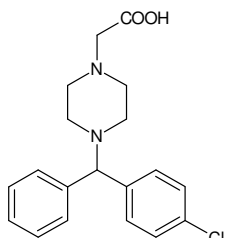
List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
23	Blonanserin	4-(4-chlorophenyl)-5,6,7,8,9,10-hexahydro cycloocta[b]pyridin-2(1H)-one		<chem>Clc1ccc(cc1)C2=CC(=O)NC=3CCCCC2=3</chem>
24	Blonanserin	2-Chloro-4-(4-methoxyphenyl)-5,6,7,8,9,10-hexahydrocycloocta[b]pyridine		<chem>COc1ccc(cc1)c2cc(Cl)nc3CCCCC2=3</chem>
25	Bortezomib	3-Phenyl-2-[(pyrazin-2-ylcarbonyl) amino]propanoic acid		<chem>O=C(NC(Cc1ccccc1)C(=O)O)c2cncn2</chem>

## MAITREE RESEARCH PVT. LTD.

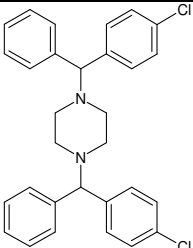
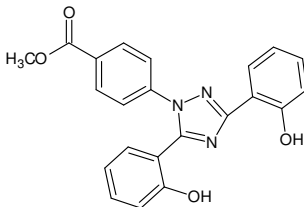
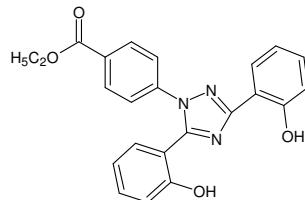
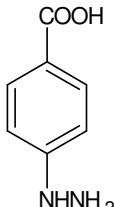
List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
26	Bortezomib	Methyl 3-phenyl-2-[(pyrazin-2-ylcarbonyl) amino]propanoate		<chem>O=C(NC(Cc1ccccc1)C(=O)OC)c2cnccn2</chem>
27	Brinzolamide	Brinzolamide Desmethyl impurity		
28	Brinzolamide	Brinzolamide methanesulfonyl impurity		<chem>NS(=O)(=O)c1cc2C(CN(CCCOC)S(=O)(=O)c2s1)N(CC)S(C)(=O)=O</chem>
29	Cinnarizine	1-(Diphenylmethyl)piperazine EP Impurity A		<chem>c1ccccc1C(c2ccccc2)N3CCNCC3</chem>



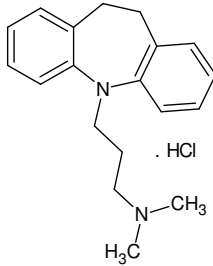
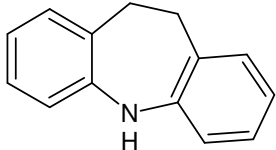
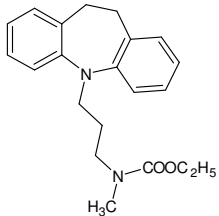
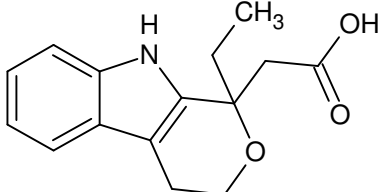
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
30	Citirizine	Impurity A : Deschlorocetirizine		<chem>O=C(O)COCCN1CCN(CC1)C(c2ccc cc2)c3ccccc3</chem>
31	Citirizine	Impurity B : Cetirizine ethanol CDH1		<chem>Clc1ccc(cc1)C(c2ccccc2)N3CCN(C C3)CCO</chem>
32	Citirizine	Impurity C : CBHP 1-[(4-Chlorophenyl)(phenyl) methyl]piperazine		<chem>Clc1ccc(cc1)C(c2ccccc2)N3CCNCC 3</chem>
33	Citirizine	Impurity G : Cetirizine acetic acid		<chem>O=C(O)CN1CCN(CC1)C(c2ccc(Cl)c c2)c3ccccc3</chem>

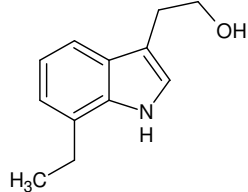
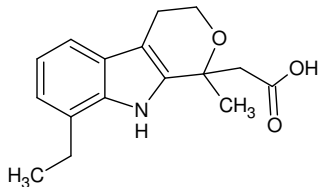
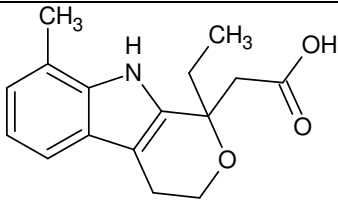
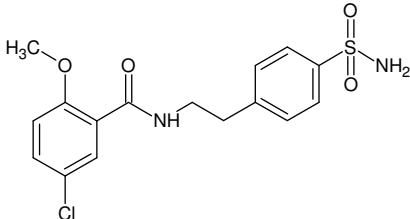
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
34	Citirizine	Impurity K : Cetirizine dimer		<chem>Clc1ccc(cc1)C(N2CCN(CC2)C(c3ccc(Cl)cc3)c4ccccc4)c5ccccc5</chem>
35	Deferasirox	4-[3,5-Bis-(2-hydroxyphenyl)[1,2,4]triazol-1-yl]benzoic acid methyl ester		<chem>O=C(OC)c1ccc(cc1)n3nc(nc3c2ccccc2O)c4ccccc4O</chem>
36	Deferasirox	4-[3,5-Bis-(2-hydroxyphenyl)[1,2,4]triazol-1-yl]benzoic acid ethyl ester		<chem>O=C(OCC)c1ccc(cc1)n3nc(nc3c2ccccc2O)c4ccccc4O</chem>
37	Deferasirox	4-Hydrazinyl benzoic acid		<chem>NNc1ccc(cc1)C(=O)O</chem>

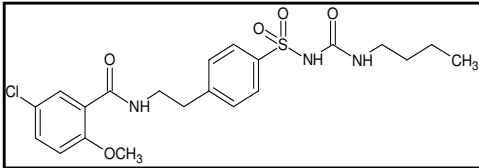
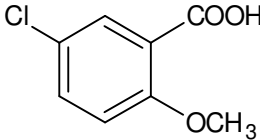
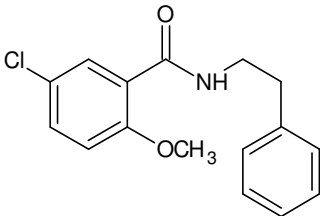
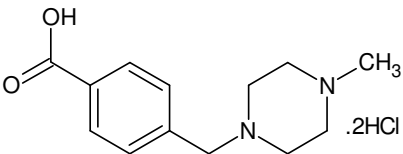
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
38	Desipramine	Imipramine Hydrochloride		<chem>CN(C)CCCN2c3ccccc3CCc1cccc12</chem>
39	Desipramine	10,11-Dihydro-5H-dibenzo[b,f]azepine		<chem>c1cc2Nc3ccccc3CCc2cc1</chem>
40	Desipramine	Desipramine carbamate		<chem>O=C(OCC)N(C)CCCN2c3ccccc3CCc1cccc12</chem>
41	Etodolac	Impurity A (EP): (1-ethyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl)acetic acid		<chem>O=C(O)CC2(CC)OCCc1c3ccccc3nc12</chem>

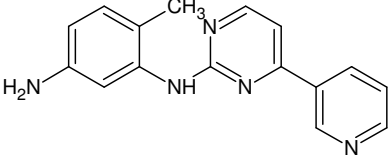
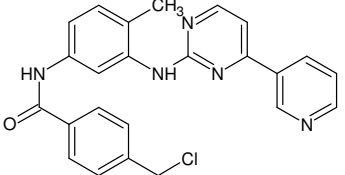
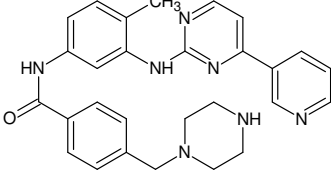
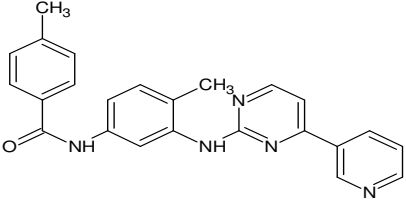
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
42	Etodolac	2-(7-Ethyl-1H-indol-3-yl)ethanol or 7-Ethyl tryptophol		<chem>CCc2cccc1c2ncc1CCO</chem>
43	Etodolac	(8-Ethyl-1-methyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl)acetic acid		<chem>O=C(O)CC3(C)OCCc2c3nc1c(cccc12)CC</chem>
44	Etodolac	Impurity B (EP): (1-ethyl-8-methyl-1,3,4,9-tetrahydropyrano[3,4-b]indol-1-yl)acetic acid		<chem>O=C(O)CC2(CC)OCCc1c3cccc(C)c3nc12</chem>
45	Glyburide	Compound A: (5-Chloro-2-methoxy-N-[2-(4-sulfamoylphenyl)ethyl]benzamide		<chem>COc1ccc(Cl)cc1C(=O)NCCc2ccc(cc2)S(=O)(=O)N</chem>

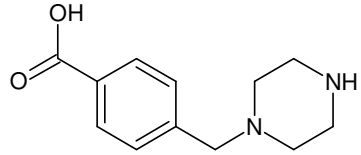
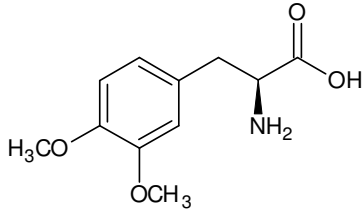
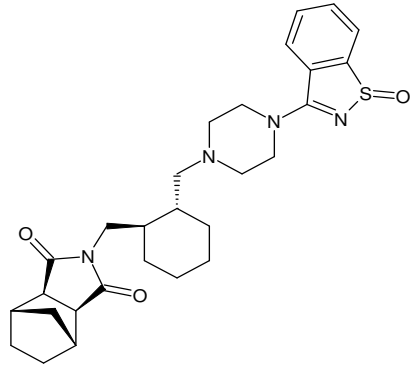
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
46	Glyburide	Impurity D: 1-Butyl-3-[[4-[2-[5-chloro-2-methoxybenzoyl)amino]ethyl]phenyl]sulfonyl urea		<chem>COc1ccc(Cl)cc1C(=O)NCCCc2ccc(cc2)S(=O)(=O)NC(=O)NCCCC</chem>
47	Glyburide	5-Chloro-2-methoxy benzoic acid		<chem>COc1ccc(Cl)cc1C(=O)O</chem>
48	Glyburide	5-Chloro-N-(2-phenylethyl)-2-methoxy benzamide		<chem>COc1ccc(Cl)cc1C(=O)NCCCc2ccccc2</chem>
49	Imatinib	4-(4-Methylpiperazine-1-ylmethyl)benzoic acid Dihydrochloride		<chem>O=C(O)c1ccc(cc1)CN2CCN(C)CC2</chem>

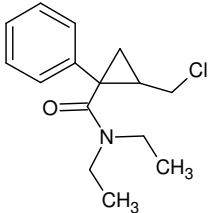
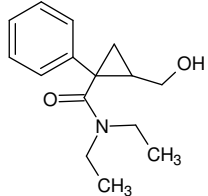
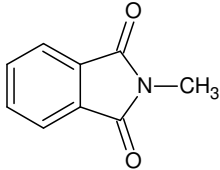
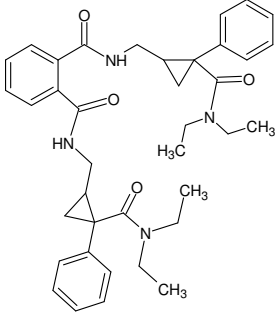
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
50	Imatinib	N-(5-amino-2-methylphenyl-4-(3-pyridyl)-2-pyrimidineamine		<chem>Nc3cc(Nc1nc(ccn1)c2cccnc2)c(C)cc3</chem>
51	Imatinib	N-(4-Chloromethyl)phenyl)-4-methyl-3-(4-(pyridine-3-yl)pyrimidin-2-yl)amino)benzamide		<chem>ClCc1ccc(cc1)C(=O)Nc4cc(Nc2nc(ccn2)c3cccnc3)c(C)cc4</chem>
52	Imatinib	N-(4-Methyl-3-((4-(pyridin-3-yl)pyrimidin-2-yl)amino)phenyl)-4-(piperazin-1-yl-methyl)benzamide		<chem>Cc3ccc(cc3Nc1nc(ccn1)c2cccnc2)NC(=O)c4ccc(cc4)CN5CCNCC5</chem>
53	Imatinib	N-[4-Methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]-amino]phenyl]-4-methyl benzamide		<chem>Cc1ccc(cc1)C(=O)Nc4cc(Nc2nc(ccn2)c3cccnc3)c(C)cc4</chem>

## MAITREE RESEARCH PVT. LTD.

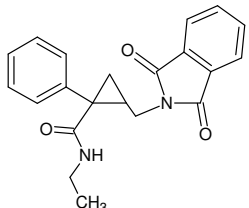
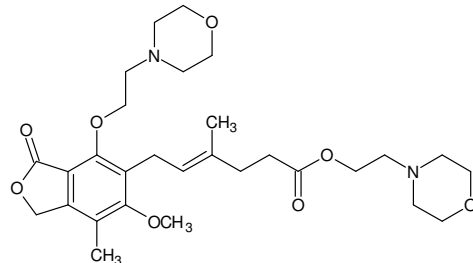
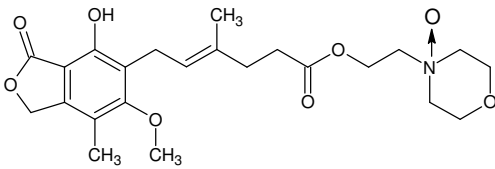
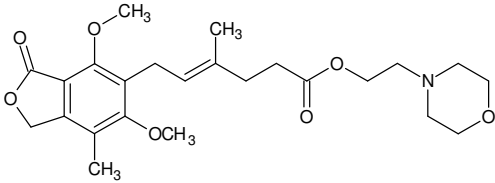
List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
54	Imatinib	4-(piperazin-1-ylmethyl)benzoic acid		<chem>O=C(O)c1ccc(cc1)CN2CCNCC2</chem>
55	Levodopa	3-(3,4-Dimethoxyphenyl)-L-alanine		<chem>COc1cc(ccc1OC)C[C@H](N)C(=O)O</chem>
56	Lurasidone	Lurasidone Sulfoxide		<chem>O=C7[C@@H]2[C@H]1CC[C@H](C1)[C@@H]2C(=O)N7C[C@@H]6CCCC[C@H]6CN3CCN(CC3)C5=NS(=O)c4cccc45</chem>

## MAITREE RESEARCH PVT. LTD.

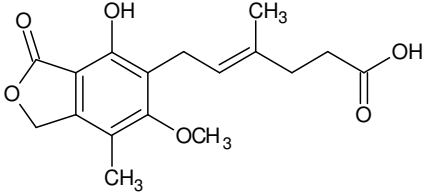
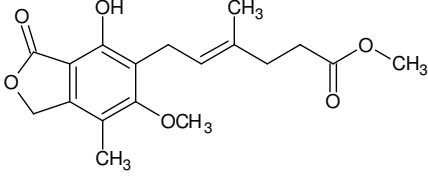
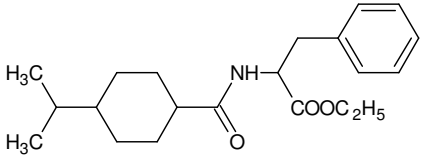
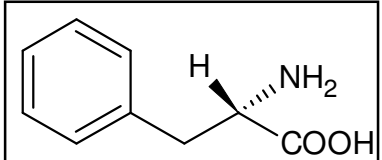
List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
57	Milnacipran	2-(chloromethyl)- <i>N,N</i> -diethyl-1-phenylcyclopropanecarboxamide		<chem>ClCC2CC2C(c1ccccc1)C(=O)N(CC)CC</chem>
58	Milnacipran	<i>N,N</i> -diethyl-2-(hydroxymethyl)-1-phenylcyclopropanecarboxamide		<chem>OCC2CC2C(c1ccccc1)C(=O)N(CC)CC</chem>
59	Milnacipran	2-methyl-1 <i>H</i> -isoindole-1,3(2 <i>H</i> )-dione		<chem>O=C2c1ccccc1C(=O)N2C</chem>
60	Milnacipran	Dimer		<chem>O=C(N(CC)CC)C4(CC4CNC(=O)c3ccccc3C(=O)NCC2CC2(c1ccccc1)C(=O)N(CC)CC)c5ccccc5</chem>



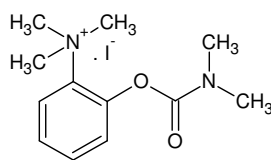
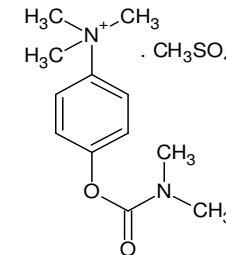
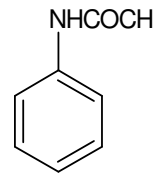
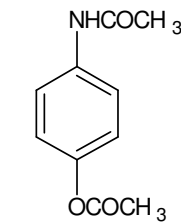
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
61	Milnacipran	2-[(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)methyl]-N-ethyl-1-phenylcyclopropanecarboxamide		<chem>CCNC(=O)C3(CC3CN2C(=O)c1cccc1C2=O)c4cccc4</chem>
62	Mycophenolate mofetil	1-Morpholine ethoxy analog		<chem>COc4c(C)c1COC(=O)c1c(OCCN2CCOCC2)c4C\C=C(/C)CCC(=O)OCCN3CCOCC3</chem>
63	Mycophenolate mofetil (EP)	Impurity G : Mycophenolate mofetil N-oxide		<chem>Oc3c1C(=O)OCc1c(C)c(OC)c3C\C=C(/C)CCC(=O)OCCN2CCOCC2</chem>
64	Mycophenolate mofetil (EP)	Impurity D : O-Methyl Mocophenolate Mofetil		<chem>COC3c(C)c1COC(=O)c1c(OC)c3C\C=C(/C)CCC(=O)OCCN2CCOCC2</chem>

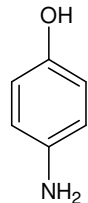
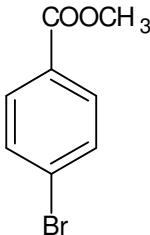
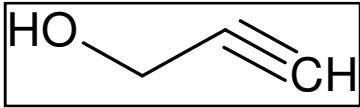
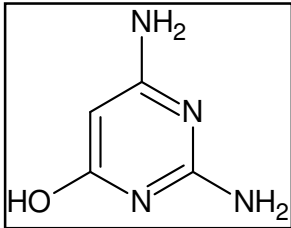
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
65	Mycophenolate mofetil (EP)	Impurity F : Mycophenolic acid		<chem>O=C(O)CCC(\C)=C\Cc1c(O)c2C(=O)OCc2c(C)c1OC</chem>
66	Mycophenolate mofetil (EP)	Impurity E : Mycophenolic acid methy ester		<chem>O=C(OC)CCC(\C)=C\Cc1c(O)c2C(=O)OCc2c(C)c1OC</chem>
67	Nateglinide	Impurity G : Ethyl N-[[4-(1-methylethyl)cyclohexyl]carbonyl]-D-phenyl alaninate		<chem>CC(C)C1CCC(CC1)C(=O)NC(Cc2ccc(cc2)C(=O)OCC</chem>
68	Nateglinide	Impurity D : (2S)-2-amino-3-phenylpropionic acid		<chem>N[C@@H](Cc1ccccc1)C(=O)O</chem>

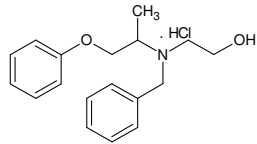
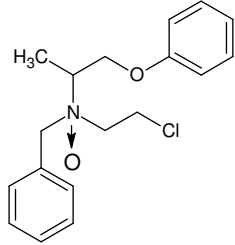
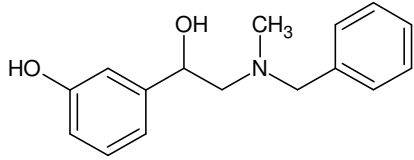
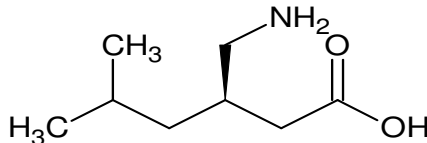
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
69	Neostigmine	Neostigmine-o-isomer 2-[(Dimethylcarbamoyl)oxy]- N,N,N-trimethylanilinium iodide		
70	Neostigmine	Neostigmine p-isomer 4-[(Dimethylcarbamoyl)oxy]- N,N,N-trimethylanilinium Methyl sulfate		
71	Paracetamol (EP)	Impurity D : Acetamide		<chem>O=C(C)Nc1ccccc1</chem>
72	Paracetamol (EP)	Impurity H : 4- (acetylamino)phenyl acetate		<chem>O=C(C)Oc1ccc(cc1)NC(C)=O</chem>

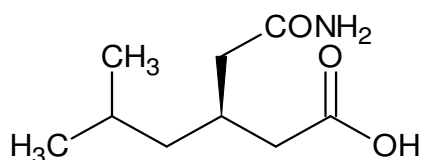
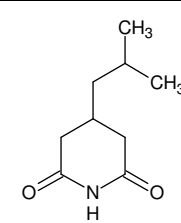
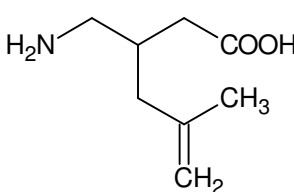
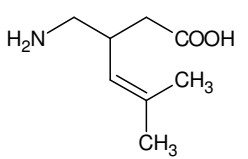
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
73	Paracetamol (EP)	Impurity K : 4-aminophenol		<chem>Nc1ccc(O)cc1</chem>
74	Pemetrexed	Methyl 4-bromobenzoate		<chem>Brc1ccc(cc1)C(=O)OC</chem>
75	Pemetrexed	3-Butyn-1-ol		<chem>C#CCO</chem>
76	Pemetrexed	2,4-Diamino-6-Hydroxy pyrimidine		<chem>Oc1cc(N)nc(N)n1</chem>

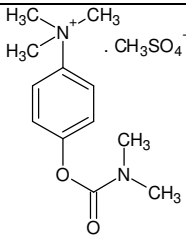
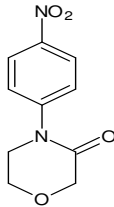
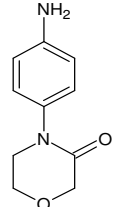
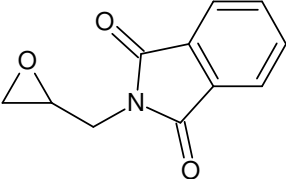
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
77	Phenoxybenzamine	2-[Benzyl(1-phenoxypropan-2-yl)amino]ethan-1-ol-Hydrochloride (Phenoxybenzamine Hydroxide)		
78	Phenoxybenzamine	Phenoxybenzamine N-Oxide		
79	Phenylephrine	Phenylephrine related compound D 3-(2-[Benzyl(methyl)amino]-1-hydroxyethyl)phenol		<chem>OC(CN(C)Cc1ccccc1)c2cc(O)ccc2</chem>
80	Pregabalin	(3R)-3-(Aminomethyl)-5-methylhexanoic acid ( R )-Pregabalin		<chem>NC[C@H](CC(C)C)CC(=O)O</chem>

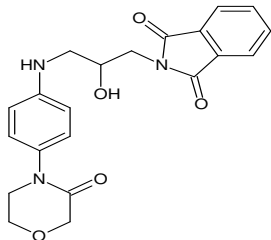
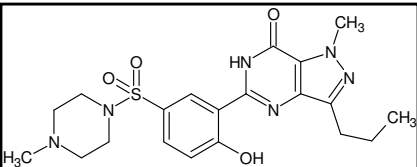
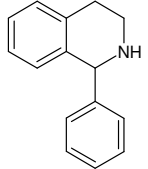
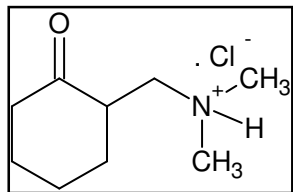
## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
81	Pregabalin	(3S)-3-(2-Amino-2-oxoethyl)-5-methylhexanoic acid		<chem>CC(C)C[C@@H](CC(N)=O)CC(=O)O</chem>
82	Pregabalin	4-Isobutyl-2,6-piperidinedione		<chem>O=C1CC(CC(C)C)CC(=O)N1</chem>
83	Pregabalin	3-(Aminomethyl)-5-methylhex-5-enoic acid (5-ENE imp)		<chem>NCC(CC(=C)C)CC(=O)O</chem>
84	Pregabalin	3-(Aminomethyl)-5-methylhex-4-enoic acid (4-ENE imp)		<chem>NCC(/C=C(\C)C)CC(=O)O</chem>

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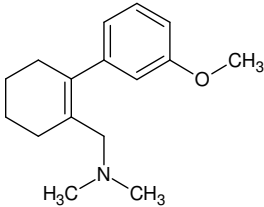
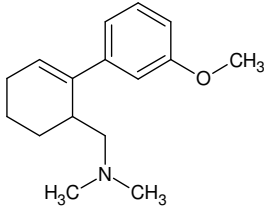
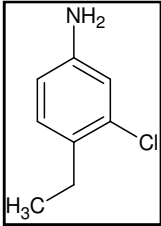
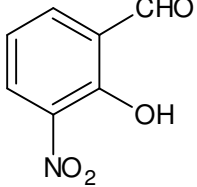
List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
85	Pregabalin	4-(2-Methylpropyl)pyrrolidin-2-one (Lactam)		<chem>O=C1CC(CC(C)C)CN1</chem>
86	Rivaroxaban	4-(4-Nitrophenyl)morpholin-3-one		<chem>[O-][N+](=O)c1ccc(cc1)N2CCOCC2=O</chem>
87	Rivaroxaban	4-(4-Aminophenyl)morpholin-3-one		<chem>Nc1ccc(cc1)N2CCOCC2=O</chem>
88	Rivaroxaban	2-(Oxiran-2-ylmethyl)-1 <i>H</i> -isindole-1,3(2 <i>H</i> )-dione		<chem>O=C3c1cccc1C(=O)N3CC2CO2</chem>

## MAITREE RESEARCH PVT. LTD.

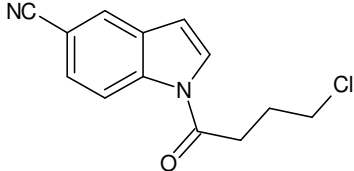
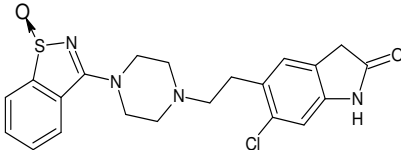
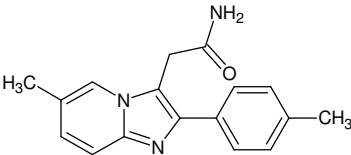
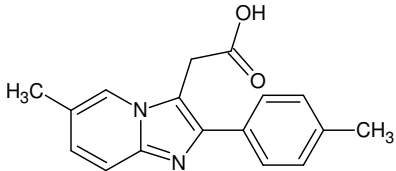
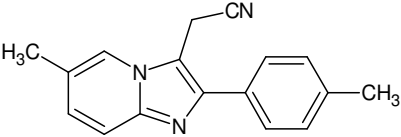
List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
89	Rivaroxaban	2-(2-Hydroxy-3-{[4-(3-oxomorpholin-4-yl)phenyl]amino}propyl)-1 <i>H</i> -isoindole-1,3(2 <i>H</i> )-dione		<chem>O=C4c1cccc1C(=O)N4CC(O)CNC2ccc(cc2)N3CCOCC3=O</chem>
90	Sildenafil	Impurity C: 5-[2-hydroxy-5-[(4-methylpiperazin-1-yl)sulfonyl]phenyl]-1-methyl-3-propyl-6,7-dihydro-1 <i>H</i> -pyrazolo[4,3- <i>d</i> ]pyrimidin-7-one		<chem>CN1CCN(CC1)S(=O)(=O)c4cc(C3=Nc2c(CCC)nn(C)c2C(=O)N3)c(O)c4</chem>
91	Solifenacin	1-phenyl-1,2,3,4-tetrahydroisoquinoline		<chem>c1ccc2CCNC(c2c1)c3cccc3</chem>
92	Tramadol HCl USP/EP	Impurity B: 2-[(Dimethylamino)methyl]cyclohexanone hydrochloride (EP Imp. E)		<chem>C[NH+](C)CC1CCCC1=O</chem>



## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
93	Tramadol HCl USP/EP	1,6-Dehydro Tramadol (EP Imp. B)		<chem>CN(C)CC=2CCCCC=2c1cc(OC)ccc1</chem>
94	Tramadol HCl USP/EP	1,2-Dehydro Tramadol (EP Imp. C)		<chem>CN(C)CC2CCCC=C2c1cccc(OC)c1</chem>
95	Trazodon	3-Chloro-4-ethylaniline		<chem>CCc1ccc(N)cc1Cl</chem>
96	Vilazodone	3-Nitro2-hydroxybenzaldehyde		<chem>O=[N+]([O-])c1cccc(C=O)c1O</chem>

## MAITREE RESEARCH PVT. LTD.

List of Impurities				
No	Drug Name	Designation/Chemical Name	Structure	Smiles
97	Vilazodone	1-(4-chlorobutanoyl)-1H-indole-5-carbonitrile		<chem>ClCCCC(=O)n2ccc1cc(ccc12)C#N</chem>
98	Ziprasidone	Ziprasidone Suloxide/Ziprasidone S-oxide		<chem>O=C4Cc5cc(CCN1CCN(CC1)c3nsc2ccccc23)c(Cl)cc5N4</chem>
99	Zolpidem	2-[6-Methyl-2-(4-methylphenyl)imidazo[1,2-a]pyridin-3-yl]acetamide		<chem>NC(=O)Cc1c(nc2ccc(C)cn12)c3ccc(C)cc3</chem>
100	Zolpidem	[6-methyl-2-(4-methylphenyl)imidazo[1,2-a]pyridin-3-yl]acetic acid		<chem>O=C(O)Cc1c(nc2ccc(C)cn12)c3ccc(C)cc3</chem>
101	Zolpidem	[6-methyl-2-(4-methylphenyl)imidazo[1,2-a]pyridin-3-yl]acetonitrile		<chem>Cc1ccc(cc1)c2nc3ccc(C)cn3c2CC#N</chem>