

## CARDIOVASCULAR

PRODUCT	SPECS	EDMF(CTD)	USDMF	CEP
RAMIPRIL	IP / BP / EP / USP	CEP 2009-083	19714	R1-CEP 2009-083-REV 04
QUINAPRIL HCl	EP / USP	CEP 2016-100	19413	R0-CEP 2016-100-REV 01
BENAZEPRIL HCl	EP / USP	CEP 2011-197	20097	R1-CEP 2011-197-REV 00
PERINDOPRIL TERT-BUTYLAMINE	EP / BP / USP	CEP 2013-245		R1-CEP 2013-245-REV 01
PERINDOPRIL ARGININE	INHOUSE	√	21866	
RANOLAZINE	INHOUSE	√		
ENALAPRIL MALEATE	EP			
TICAGRELOR	EP / BP			

## ANTI ASTHAMATIC

BUDESONIDE	IP / BP / EP / USP	CEP 2006-295	20609	R1-CEP 2006-295-REV 03
BAMBUTEROL HCl	IP / EP / BP	√		
R - SALBUTAMOL SULPHATE	IP / INHOUSE	√		
LEVALBUTEROL HCl	USP	√	20557	
SALMETEROL XINAFOATE	IP / EP / BP	CEP 2008-239	22054	R1-CEP 2008-239-REV 03
IPRATROPIUM BROMIDE	IP / EP / BP	CEP 2008-150	21179	R1-CEP 2008-150-REV 02
CICLESONIDE	EP / INHOUSE	CEP 2014-090	23650	R1-CEP 2014-090-REV 00
FLUTICASONE PROPIONATE	IP / BP / EP / USP	CEP 2007-262	22980	R1-CEP 2007-262-REV 02
FLUTICASONE FUROATE	EP	√	33955	
MOMETASONE FUROATE MONOHYDRATE	EP	CEP 2018-303	23977	R0-CEP 2018-303-REV 01
FORMOTEROL FUMARATE	EP / BP / USP	CEP 2013-220		R1-CEP 2013-220-REV 01
MONTELUKAST SODIUM	IP / BP / EP / USP	*		

## ANTI CANCER

BICALUTAMIDE	EP / USP	CEP 2012-223	20502	R1-CEP 2012-223-REV 00
IFOSFAMIDE	IP / BP / EP / USP	CEP 2022-146	25081	APPLIED
IFOSFAMIDE STERILE	IP / BP / EP / USP	√		
CYCLOPHOSPHAMIDE	IP / BP / EP / USP	√		
CYCLOPHOSPHAMIDE STERILE	IP / BP / EP / USP	CEP 2021-209	35313	APPLIED
MESNA	EP / BP / USP	CEP 2009-127	22664	R1-CEP 2009-127-REV 00
MERCAPTOPURINE	IP / BP / EP / USP	CEP 2021-275	22971	APPLIED
AZATHIOPRINE	BP / EP / USP	CEP 2014-030	23038	R1-CEP 2014-030-REV 00
ENZALUTAMIDE	USP	√	35969	
NILOTINIB	INHOUSE	√		
PALBOCICLIB	INHOUSE	*		
IBRUTINIB	INHOUSE	*		

## ANTI COAGULANT

APIXABAN	INHOUSE	√	35969	
RIVAROXABAN	INHOUSE / EP	*		

## OVERACTIVE BLADDER

MIRABEGRON	INHOUSE			
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- Products protected by patents are developed solely for the R&D purposes intended to support regulatory submissions.
- It is within the buyer's responsibility and liability to check the patent situation of the product in the import market(s).
- Intermediates of above API's will be available.

\* Validation batches completed DMF under compilation.

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## ANTI DIABETIC

PRODUCT	SPECS	EDMF(CTD)	USDMF	CEP
SITAGLIPTIN HCl	INHOUSE	√		
SITAGLIPTIN PHOSPHATE MONOHYDRATE	IP / BP / EP / USP	*		
SITAGLIPTIN PHOSPHATE ANHYDROUS	INHOUSE	√		
CANAGLIFLOZIN	INHOUSE	*		
DAPAGLIFLOZIN	INHOUSE	*		
EMPAGLIFLOZIN	INHOUSE	*		

## ARTHRITIS

TOFACITINIB CITRATE	INHOUSE	*
APREMILAST	INHOUSE	

## CNS AGENT

VENLAFAXINE HCl	BP / EP / USP	CEP 2006-183	19879	R1-CEP 2006-183-REV 02
VENLAFAXINE HCl POLYMORPH B	EP / USP	CEP 2009-082	28433	R1-CEP 2009-082-REV 01
QUETIAPINE FUMARATE	EP / USP	CEP 2019-291	21336	RO-CEP 2019-291-REV 00
BUPROPION HCl	EP / BP / USP	√	27204	
DULOXETINE HCl	EP			

## SKIN CARE

MOMETASONE FUROATE ANHYDROUS	IP / BP / EP / USP	CEP 2007-302	21334	R1-CEP 2007-302-REV 02
DESONIDE	INHOUSE	√	22963	
ADAPALENE	BP / EP / USP	CEP 2022-158	22709	APPLIED

## CALCIMIMETIC

CINACALCET	IP / INHOUSE	√
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## DECONGESTANT

PHENYLEPHERINE	IP / BP / EP / USP	√
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## ANTI THALASSAEMIC

DEFERIPRONE	INHOUSE	√
DEFERASIROX	EP	*

## ANALGESIC

DIFLUNISAL	USP	√	24762
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## OPHTHALMOLOGIC

LOTEPREDNOL ETABONATE	INHOUSE	√	26249
OLOPATADINE HCl	USP	√	

## UPCOMING MOLECULES

PRODUCT NAME	THERAPEUTIC CATEGORIES	PRODUCT NAME	THERAPEUTIC CATEGORIES
VENETOCLAX	ANTI CANCER	RIBOCICLIB	ANTI CANCER
APALUTAMIDE	ANTI CANCER	VORTIOXETINE HBr	CNS AGENT
OSIMERTITNIB	ANTI CANCER	EDOXBAN TOSYLATE	ANTI COAGULANT
PAZOPANIB	ANTI CANCER	OLMESARTAN	CARDIOVASCULAR
RUXOLITINIB	ANTI CANCER	ELAGOLIX	ENDOMETRIOSIS & UTERINE FIBROIDS
OLAPARIB	ANTI CANCER		

## XANTHINE DERIVATIVES

• CAFFEINE • AMINOPHYLLINE • ETOPHYLLINE • THEOPHYLLINE

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Sr.No.	API Name	Intermediate Name	CAS Number	Stage
1	Abemaciclib	4-fluoro-1-isopropyl-2-methyl-6-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-benzo[d]imidazole	1231930-37-2	Commercial
2	Abemaciclib	5-(4-ethylpiperazin-1-yl methyl) pyridin-2-yl amine	1180132-17-5	Commercial
3	Acalabrutinib	(3-Chloropyrazin-2-yl) methanamine hydrochloride	939412-86-9	Commercial
4	Acalabrutinib	(2S)-2-(8-amino-1-bromoimidazo[1,5-a]pyrazin-3-yl)-1-Pyrrolidine carboxylic acid phenyl methyl ester	1420478-88-1	Commercial
5	Acalabrutinib	4-(Pyridin-2-yl-aminocarbonyl) benzene boronic acid	850568-25-1	Pilot
6	Acalabrutinib	N-(Benzyloxy carbonyl)-L-Proline	1148-11-4	Commercial
7	Afatinib	Trans 4-Dimethylamino crotonic acid hydrochloride	848133-35-7	Commercial
8	Apalutamide	4-Amino-2-fluoro-N-methyl-benzamide	915087-25-1	Commercial
9	Acalabrutinib	(2S)-2-(8-amino-1-bromoimidazo[1,5-a]pyrazin-3-yl)-1-Pyrrolidine carboxylic acid phenyl methyl ester	503615-03-0	Commercial
10	Apixaban	Chloro[(4-methoxy phenyl) hydrazono] acetic acid ethyl ester	27143-07-03	Commercial
11	Apixaban	1-(4-Amino phenyl)-3-morpholino-5,6-dihydropyridin-2(1H)-one	1267610-26-3	Commercial
12	Apixaban	3-Morpholino-1-(4-(2-oxopiperidin-1-yl) phenyl)-5,6-dihydropyridin-2-(1H)-one	545445-44-1	Commercial
13	Acalabrutinib	5-Chloro-1-methyl-4-nitro imidazole	4897-25-0	Commercial
14	Bazedoxifene	3-Methyl-5-(Phenyl methoxy)-2-[(4-Phenyl methoxy) Phenyl]-1H-Indole	198479-63-9	Commercial
15	Bazedoxifene	4-[2-(1-Azepanyl) ethoxy] Benzyl chloride hydrochloride	223251-25-6	Commercial
16	Benzazepiril	3-Bromo-4,5-dihydro-1H-benzo[b]azepin-2(3H)-one	86499-96-9	Commercial
17	Benzazepiril	(S)-3-Amine-2,3,4,5-tetrahydro-2-oxo-1H-benzazepine-1-acetic-2,2-dimethyl ethyl ester	109010-60-8	Commercial
18	Bosutinib	2-(3-chloro propoxy)-1-methoxy-4-nitro benzene	92878-95-0	Commercial
19	Bosutinib	2-cyano-N-(2,4-dichloro-5-methoxy phenyl) acetamide	846023-24-3	Commercial
20	Bosutinib	2-Methoxy-5-nitro phenol	636-93-1	Pilot
21	Canagliflozin	2-(5-Bromo-2-Methyl benzyl)-5-(4-fluoro phenyl) thiophene	1030825-20-7	Commercial
22	Canagliflozin	2-(4-Fluorophenyl)-5-(5-iodo methyl phenyl) methyl] thiophene	898566-17-1	Commercial

Sr.No.	API Name	Intermediate Name	CAS Number	Stage
23	Canagliflozin	2,3,4,6-Tetrakis-O-trimethylsilyl-D-glucono-1,5-lactone	32384-65-9	Commercial
24	Dapagliflozin	4-(5-bromo-2-chlorobenzyl) phenyl ethyl ether	461432-23-5	Commercial
25	Dapagliflozin	(2S,3R,4R,5S,6R)-2-[4-chloro-3-(7-ethoxy benzyl) phenyl]-6-(hydro methyl)-2-ethoxy tetrahydro-2H-pyran-3,4,5-triol	2361307-84-6	Pilot
26	Dapagliflozin	(2S)-2-(8-amino-1-bromoimidazo[1,5-a] pyrazin-3-yl)-1-Pyrrolidine carboxylic acid phenyl methyl ester	461432-25-7	Pilot
27	Darolutamide	2-Chloro-4-(1H-pyrazol-5-yl) benzo nitrile	1297537-37-1	R&D
28	Droxidopa	(2S,3R)-3-(Benzo[d][1,3]Dioxol-5-yl)-2-(1,3-Dioxo Iso indolin-2-yl)-3-hydroxy propanoic acid	1148-11-4	Pilot
29	Duloxetine	(S)-3-Methyl amino-1-(2-thienyl)-1-propanol	116539-55-0	R&D
30	Edoxaban	5-Methyl-4,5,6,7-tetrahydrothiazolo[5,4-c] pyridine-2-carboxylic Acid Hydrochloride	720720-96-7	Pilot
31	Edoxaban	tert-Butyl [(1R,2S,5S)-2-Amino-5-[(dimethylamino) carbonyl] cyclohexyl] carbamate	365998-36-3	R&D
32	Edoxaban	Ethyl 2-((5-chloropyridin-2-yl) amino)-2-oxoacetate hydrochloride	1243308-37-3	Pilot
33	Elagolix	1-(2-Fluoro-6-(trifluoromethyl) benzyl)-6-methyl pyrimidine-2,4(1H,3H)-dione	830346-47-9	Commercial
34	Elagolix	5-Bromo-1-(2-fluoro-6-(trifluoromethyl) benzyl)-6-methyl pyrimidine-2, 4(1H, 3H)-dione	830346-48-0	Commercial
35	Elagolix	tert-butyl N-[(1R)-2-hydroxy-1-phenylethyl] carbamate	102089-74-7	Pilot
36	Elagolix	(2R)-2-[(tert-butoxy carbonyl)amino]-2-phenyl ethyl methane sulfonate	102089-75-8	Pilot
37	Eluxadoline	(S)-2-(tert-butoxy carbonylamino)-3-(4-carbamoyl-2,6- dimethyl phenyl) propanoic acid	623950-02-7	Pilot
38	Eluxadoline	Boc-3-Iodo-L-alanine methyl ester	93267-04-0	Commercial
39	Empagliflozin	(R)-(-)-3-Hydroxy tetrahydrofuran	86087-24-3	Commercial
40	Empagliflozin	(3S)-3-[4-[(5-bromo-2-chloro phenyl) methyl] phenoxy] tetrahydrofuran	915095-89-5	Commercial
41	Empagliflozin	(3S)-3-[4-[(2-Chloro-5-iodo phenyl) methyl] phenoxy] tetrahydrofuran	915095-94-2	Commercial
42	Empagliflozin	(R)-tetrahydrofuran-3-yl 4-methyl benzene sulfonate	219823-47-9	Commercial
43	Empagliflozin	2,3,4,6-Tetrakis-O-trimethylsilyl-D-glucono-1,5-lactone	32384-65-9	Commercial
44	Empagliflozin	(3S)-3-[4-[(5-bromo-2-chloro-phenyl) methyl] phenoxy] tetrahydrofuran	915095-89-5	Commercial
45	Enzalutamide	4-Bromo-2-fluoro-N-methyl-benzamide	749927-69-3	Commercial

Sr.No.	API Name	Intermediate Name	CAS Number	Stage
46	Enalapril	N-[1-(S)-Ethoxycarbonyl-3-phenylpropyl]-L-alanine (ECPPA)	82717-96-2	Commercial
47	Fluoxetine	3-Hydroxy-N-methyl-3-phenyl-propylamine	42142-52-9	Commercial
48	Ibrutinib	(S)-BOC-3-hydroxy piperidine	143900-44-1	Commercial
49	Ibrutinib	3-(4-Phenoxy Phenyl)-1H-pyrazole [3,4-d] pyrimidin-4-amine	330786-24-8	Commercial
50	Ibrutinib	3-Amino-4-cyano-5-(4-phenoxy phenyl) pyrazole	3307920-70-6	Commercial
51	Ibrutinib	(R)-3-(4-Phenoxy phenyl)-1-(Piperidin-3-yl)-1H-pyrazolo [3,4-d]pyrimidin-4-amine	1022150-12-4	Commercial
52	Lacosamide	(R)-N-Benzyl-2-(benzyloxy carbonyl)amino-3-hydroxy propionamide	219835-31-1	Commercial
53	Lacosamide	(R)-2-((t-butoxy) carbonylamino)-3-methoxy propanoic acid	86123-95-7	Commercial
54	Laroterctinib	(3S)-pyrrolidin-3-ol hydrochloride	122536-94-1	Pilot
55	Linezolid	3-fluoro-4-morpholinylaniline	93246-53-8	R&D
56	Linezolid	(R)-[N-3-(3-fluoro-4-morpholinyl phenyl)-2-oxo-5-oxazolidinyl] methyl methane sulfonate	174649-09-3	R&D
57	Lumacaftor	3-tert-Butoxy carbonyl phenyl boronic acid	220210-56-0	Pilot
58	Miglustat	2,3,4,6-tetra-O-benzyl-D-glucitol	14233-28-8	Pilot
59	Montelukast	2-[2-[3(S)-3[2-(7-chloro-2-quinolinyl) ethenyl] phenyl-3-hydroxyl propyl] phenyl]-2-propanol	142569-70-8	Commercial
60	Moxifloxacin	(S,S)-2,8-Diazabicyclo[4.3.0] nonane	151213-42-2	Commercial
61	Niraparib	3-(Methoxy carbonyl)-2-nitrobenzoic acid	138229-59-1	Pilot
62	Niraparib	tert-butyl (3S)-3-(4-amino phenyl) piperidine-1-carboxylate	1171197-20-8	Pilot
63	Olmesartan	Ethyl 4-(1-hydroxy-1-methyl ethyl)-2-propyl-imidazole-5-carboxylate	144689-93-0	Pilot
64	Osimertinib	4-Fluoro-2-methoxy-5-nitro aniline	1075705-01-9	Commercial
65	Osimertinib	3-(2-Chloropyrimidin-4-yl)1-methyl indole	1032452-86-0	Commercial
66	Osimertinib	N-(4-Fluoro-2-methoxy-5-nitro phenyl)-4-(1-methyl-1H-indol-3-yl)-2-pyrimidinamine	1421372-94-2	Pilot
67	Ozanimod	(S)-1-amino-2,3-dihydro-1H-indene-4-carbonitrile hydrochloride	1306763-57-4	R&D
68	Palbociclib/ Ribociclib	Tert-Butyl 4-(6-aminopyridin-3-yl)piperazine-1-carboxylate	571188-59-5	Commercial
69	Perindopril	Benzyl (2s,3as,7as)-Octahydro-1H-Indole-2-Carboxylate 4-Methyl benzene sulfonate	94062-52-9	Commercial
70	Perindopril	N-[(S)-1-Carbethoxy-1-butyl]-(S)-alanine	82834-12-6	Commercial

Sr.No.	API Name	Intermediate Name	CAS Number	Stage
71	Perindopril Erbumine	(2aS,3aS,7aS)-Octahydro-1H-indole-2-carboxylic acid (OCI)	80875-98-5	Commercial
72	Quinapril	(S)-1,2,3,4-Tetrahydro-3-isoquinoline carboxylic acid	74163-81-8	Commercial
73	Quinapril	1, 2, 3, 4-Tetrahydro-3-isoquinoline carboxylic acid phenyl methyl ester p-toluene sulphonic acid	77497-97-3	Commercial
74	Ramipril	(2S,3aS,6aS)-octahydro-Cyclopenta[b]pyrrole-2-Carboxylate Hydrochloride	87269-87-2	Commercial
75	Ranolazine	N-(2,6-Diphenyl methyl)-1-piperazine acetylamide	5294-61-1	Commercial
76	Ranolazine	1-(2-Methoxy phenoxy)-2,3-epoxy propane	2210-74-4	Commercial
77	Relugolix	Ethyl-4-bromomethyl-2-[N-(2, 6-difluorobenzyl)-N-ethoxy carbonylamino]-5-(4-nitrophenyl) thiophene-3-carboxylate	308831-95-0	R&D
78	Relugolix	2-((2,6-difluorobenzyl)(ethoxy carbonyl)amino)-4-((dimethyl lamino)methyl)-5-(4-nitro phenyl)thiophene-3-carboxylic acid	1589503-95-6	R&D
79	Rivaroxaban	4-(4-Aminophenyl)morpholin-3-one	438056-69-0	R&D
80	Rivaroxaban	(S)-2-(oxiran-2-ylmethyl) isoindoline-1,3-dione (or) (S)-Glycidyl Phthalimide	161596-47-0	R&D
81	Rivaroxaban	5-Chlorothiophene-2-Carboxylic Acid	24065-33-6	R&D
82	Rivaroxaban	2-(((5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl) phenyl]-1,3-oxazolidin-5-yl)methyl)-1H-isoindole-1,3(2H)-dione	446292-08-6	Pilot
83	Rotigotine	(S)-2-Amino-5-Methoxytetralin hydrochloride	58349-17-0	Commercial
84	Rotigotine	(S)-1,2,3,4-Tetrahydro-5-methoxy-N-propyl-2-naphthal enamine Hydrochloride	93601-86-6	Commercial
85	Ticagrelor	2-((3aR,4S,6R,6aS)-6-amino-2,2-dimethyltetrahydro-3 aH-cyclopenta[d][1,3]dioxol-4-yloxy)ethanol L-tartaric acid	376608-65-0	R&D
86	Ticagrelor	4,6-dichloro-2-(propyl sulfanyl) pyrimidin-5-amine	145783-15-9	Commercial
87	Ticagrelor	(1R,2S)-2-(3,4-difluorophenyl)cyclopropan-1- amine (R)-2-hydroxy-2-phenylacetic acid salt	376608-71-8	Commercial
88	Ticagrelor	(1R, 2S)-2- (3,4-difluorophenyl) cyclopropanamine, HCl	1402222-66-5	Commercial
89	Tofacitinib	4-Chloropyrrolo[2,3-d]pyrimidine	3680-69-1	Commercial
90	Tucatinib	[1,2,4]Triazolo[1,5-a]pyridin-7-ol	1033810-70-6	Pilot
91	Tucatinib	4-([1,2,4]triazolo[1,5-a]pyridin-7-yloxy)-3-methyl aniline	937263-71-3	Pilot
92	Upadacitinib	2-bromo-5-(p-tolylsulfonyl) pyrrolo[2,3-b] pyrazine	1201186-54-0	Commercial
93	Upadacitinib	N-[5-[(4-methylphenyl)sulfonyl]-5H-pyrrolo[2,3- b]pyrazin-2-yl]	1201187-44-1	Commercial
94	Vardenafil	2-(2-Ethoxyphenyl)-5-methyl-7-propyl-3H- imidazo[5,1-f] [1,2,4]triazin-4-one	224789-21-3	Commercial
95	Venetoclax	Methyl 2-((1H-pyrrolo[2,3-b]pyridin-5-yl)oxy)-4-fluoro benzoate	1235865-75-4	Commercial
96	Venetoclax	3-Nitro-4-((tetrahydro-2H-pyran-4yl) Methylamino) benzene sulfonamide	1228779-96-1	Commercial
97	Venetoclax	1-([2-(4-Chlorophenyl)-4,4-dimethylcyclohex-1-en-1- yl] methyl)piperazine Dihydrochloride/base	1628047-87-9	Commercial
98	Venlafaxine HCl	1-[2-(Amino)-1-(4-Methoxyphenyl)ethyl] cyclohexanol Hydrochloride	130198-05- 9	Commercial
99	Vilazodone	3-(4-chlorobutyl)-5-cyanoindol	143612-79-7	Commercial
100	Vilazodone	Ethyl-5-Amino-1-Benzofuran-2-Carboxylate HCl	183288-42-8	Commercial
101	Vericiguat	Ethyl 5-fluoro-1-(2-fluorobenzyl)-1H- pyrazolo [3,4-b] pyridine-3-carboxylate	1361232-72-5	R&D