

Therapeutic category	Product	Pharmacopoeia	US DMF	ASMF	CEP
Antigout/ Primary Biliary Cirrhosis	Ursodeoxycholic Acid (UDCA)	USP/ EP/ JP	√	√	√
Lipid Lowering Agent*	Atorvastatin Calcium (Amorphous)	USP/ EP/ JP			
	Atorvastatin Calcium (Crystalline)	USP/ EP/ JP	√	√	Under Review
Antiplatelet Agent	Clopidogrel Bisulphate (Form I)	USP/ EP/ JP	√		
	Clopidogrel Bisulphate (Form II)	USP/ EP/ JP	√		
Antihypertensive	Perindopril Erbumine	USP/ EP		√	√
	Trandolapril	USP/ EP	√	√	√
Antihistamine	Cetirizine Dihydrochloride	USP/ EP	√	√	√
	Docetaxel Anhydrous	In-house	√	√	
	Docetaxel Trihydrate	EP			
	Gemcitabine Hydrochloride	USP/ EP	√	√	
	Irinotecan Hydrochloride	USP	√	√	
	Paclitaxel Hydrochloride	USP/ EP	√	√	
Antiemetic	Metoclopramide Hydrochloride	USP/ EP/ BP			
Expectorant	Bromhexine Hydrochloride	EP/ BP			
Antidepressant	Citalopram Hydrobromide	USP/ EP	√	√	
	Escitalopram Oxalate	USP/ EP	√		
	Milnacipran	USP/ JP			
Anticonvulsant	Felbamate	USP	√		
Antiparkinsonian	Entacapone	USP	√	√	√
	Benzotropine Mesylate	USP	√	√	
Antibacterial	Nitrofurantoin	USP	√		
Anesthetic	Prilocaine	USP	√		
Dermatology	Adapalene	USP	√		
	Imiquimod	USP	√		
Analgesic	Flupirtine Maleate	USP/ EP/ BP		√	
	Diclofenac Sodium	USP/ EP/ BP		√	√
	Mefenamic Acid	USP/ EP/ BP	√	√	√
	Meloxicam	USP/ EP	√	√	Filed
	Piroxicam	USP/ EP	√	√	√
	S (+) Ibuprofen	In-house		√	√
	Nabumetone	USP	√		

Note : All transactions are carried out in conformity with patent laws applicable in the buyer's country. Responsibility with respect to third party patent rights in a specific country lies exclusively with the buyer.

PRODUCTS IN PIPELINE

Rosuvastatin

Diclofenac Epolamine

Acyclovir

Valacyclovir

Cyclophosphamide

Cabazitaxel

Nebivolol

Phenylephrine Hydrochloride



INTERMEDIATES & SIDE CHAINS

Sr No	Intermediate	CAS No	End Use
1	CDCA (Chenodeoxycholic acid) 3 α , 7 α -Dihydroxy-5 β -cholanic acid, 5 β -cholanic acid-3 α ,7 α -diol	474-25-9	Ursodeoxycholic acid
2	7-KLCA (7-Ketolithocholic acid) 3 α -Hydroxy-7-oxo-5-beta-cholan-24-oic acid	4651-67-6	Ursodeoxycholic acid and Obeticholic acid
3	Boc CK (S)-tert-butyl (4-chloro-3-oxo-1-phenylbutan-2-yl)carbamate Or (3S)-3-(tert-Butoxycarbonyl)amino-1-chloro-4-phenyl-2-butanone	102123-74-0	Darunavir, Atazanavir
4	Boc CA (2S, 3S)-3-t-butoxycarbonylamino-1-chloro-4-phenyl-2-butanol	165727-45-7	Darunavir
5	S,S-epoxide (2S, 3S)-1,2-Epoxy-3-(Boc-amino)-4-phenylbutane	98737-29-2	Darunavir
6	Boc Amine Tert-butyl ((2S, 3R)-3-hydroxy-4-(isobutylamino)-1-phenylbutan-2-yl)carbamate Or (2R, 3S)-3-tert-butoxycarbonylamino-1-isobutylamino-4-phenyl-2-butanol	160232-08-6	Darunavir
7	Boc Nitro t-butyl (2R, 3S)-2-hydroxy-1-[(2-methylpropyl)[(4-nitrophenyl)sulfonyl]amino]-4-phenylbutan-3-ylcarbamate	191226-98-9	Darunavir
8	Amino Sulphonamide Compound 4-Amino-N-((2R, 3S)-3-amino-2-hydroxy-4-phenylbutyl)-N-isobutylbenzene sulfonamide	169280-56-2	Darunavir
9	Boc-R,S-Alcohol (2R, 3S)-3-[N-(tert-butyloxycarbonyl)amino]-1-chloro-4-phenylbutane-2-ol	162536-40-5	Atazanavir
10	R,S-Epoxyde (2R, 3S)-3-[N-(tert-butyloxycarbonyl)amino]-1,2-epoxy-4-phenylbutane	98760-08-8	Atazanavir
11	MOC-L-tert-Leucine N-Methoxycarbonyl-L-tert-leucine	162537-11-3	Atazanavir
12	ATS-5 (HN-2) (R)-4-Cyano-3-hydroxybutyric acid ethyl ester	141942-85-0	Atorvastatin Calcium
13	ATS-8 (TBIN) (4R,cis)-1,1-Dimethylethyl-6-cyanomethyl-2,2-dimethyl-1,3-dioxane-4-acetate	125971-94-0	Atorvastatin Calcium
14	ATS-9 (4R,cis)-1,1-Dimethylethyl-6-aminoethyl-2,2-dimethyl-1,3-dioxane-4-acetate	125995-13-3	Atorvastatin Calcium



INTERMEDIATES & SIDE CHAINS

Sr No	Intermediate	CAS No	End Use
15	ATV-1 tert-Butyl (4R, 6R)-2-[[[6-(2-4-fluorophenyl)-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)-pyrrol-1-yl]ethyl]-2,2-dimethyl-1,3-dioxan-4-yl]acetate	125971-95-1	Atorvastatin Calcium
16	DKT3 4-Fluoro- α -(2-methyl-1-oxopropyl)- γ -oxo-N, β -diphenyl benzene butanamide	125971-96-2	Atorvastatin Calcium
17	NFHDA N-Formyl hexamethylenimine dimethyl acetal	32895-16-2	Mecillinam Pivmecillinam
18	D-5/ BHA-4 tert-Butyl (4R-cis)-6-[(acetyloxy)methyl]-2,2-dimethyl-1,3-dioxane-4-acetate	154026-95-6	Rosuvastatin
19	CMIC Chloride 3-(2-Chlorophenyl)-5-methyl isoxazole-4-carbonyl chloride	25629-50-9	Cloxacillin
20	DCIMC Chloride 3-(2,6 Dichlorophenyl)-5-methyl isoxazole-4-carbonyl chloride	4462-55-9	Dicloxacillin
21	FCIMC Chloride 3-(2-Chloro-6-fluorophenyl)-5-methyl isoxazole-4-carbonyl chloride	69399-79-7	Flucloxacillin
22	PMIC Chloride 3-Phenyl-5-methyl isoxazole-4-carbonyl chloride	16883-16-2	Oxacillin
23	Clopidogrel base S-(2-Chloro-phenyl)-(6,7-dihydro-4H-thieno[3,2-c]pyridin-5-yl)-acetic acid methyl ester	113665-84-2	Clopidogrel
24	ENC 2-Ethoxy naphthalene-1-carbonyl chloride	55150-29-3	Nafcillin
25	(SABAM HCl) S(+)-2-Aminobutyramide hydrochloride	7682-20-4	Levetiracetam

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