

LIST OF APIS - UNDER VALIDATION & DEVELOPMENT

UNDER VALIDATION

API	Pharmacopoeia	
DABIGATRAN ETEXILATE MESYLATE	IHS	ANTI-COAGULANT
LINAGLIPTIN	IHS	ANTI-DIABETIC
TICAGRELOR	IHS	ANTIPLATELET
TAPENTADOL HCL	IHS	TO TREAT OPIOID ANALGESIC
KETOPROFEN	IHS	ANTI-INFLAMMATORY
ARIPIRAZOLE	IHS	ANTI-PSYCHOTIC
FIMASARTAN POTASSIUM TRIHYDRATE	IHS	ANTI-HYPERTENSIVE
TAMSULOSIN HYDROCHLORIDE	IHS	TO TREAT ENLARGED PROSTATE

UNDER DEVELOPMENT

REBAMIPIDE	IHS	ANTI - ULCERATIVE
FINERENONE	IHS	TO TREAT CHRONIC KIDNEY DISEASE
VIGABATRIN	IHS	ANTI-CONVULSANT
ETODOLAC	IHS	ANTI-INFLAMMATORY
DONEPEZIL HCL	IHS	TO TREAT DEMENTIA
MIRABEGRON	IHS	TO TREAT OVERACTIVE BLADDER

LIST OF INTERMEDIATES

ANTI-COAGULANT

APIXABAN

3-Morpholino-1-(4-(2-oxopiperidin-1-yl)phenyl)-5,6-dihydro pyridin-2(1H)-one	545445-44-1
(Z)-Ethyl 2-Chloro-2-(2-(4-methoxyphenyl)hydrazono)acetate	27143-07-3
1-(4-aminophenyl)-3-morpholino-5,6-dihydro pyridin-2(1H)-one	1267610-26-3
3-Morpholino-1-(4-nitrophenyl)-5,6-dihydropyridin-2(1H)-one	503615-03-0

RIVAROXABAN

4-(4-Aminophenyl)morpholin-3-one	438056-69-0
(S)-(+)-N-(2,3-Epoxypropyl) Phthalimide	161596-47-0
5-Chlorothiophene-2-Carboxylic acid	24065-33-6
(S)-4-(4-(5-(Aminomethyl)-2-oxooxazolidin-3-yl)phenyl)morpholin-3-one hydrochloride	898543-06-1

LIST OF INTERMEDIATES

ANTI-COAGULANT

DABIGATRAN ETEXILATE MESYLATE

2-[(4-cyanophenyl)amino]acetic acid	42288-26-6
Ethyl 3-(2-(((4-carbamimidoylphenyl)amino)methyl)-1-methyl-N-(pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido)propanoate	429658-95-7
Ethyl 3-[3-Amino-4-(methylamino)-N-(2-pyridyl)benzamido]propionate	212322-56-0
Ethyl 3-[[[4-(methylamino)-3-Nitrophenyl]carbonyl] (pyridine-2-yl) amino] propanoate	429659-01-8

ANTI-DEPRESSANT

CARIPRAZINE HYDROCHLORIDE

Trans-4-amino cyclohexyl acetic acid ethyl ester hydrochloride (OR) Ethyl trans-2-(4-Aminocyclohexyl) acetate Hydrochloride	76308-26-4
Trans-1-(boc-amino)-4-(2-hydroxyethyl) cyclohexane	917342-29-1
Tert-butyl-[(1r,4r)-4-(2-(4-(2,3-dichlorophenyl) piperazin-1-yl) ethyl] cyclohexyl)carbamate	506427-91-4
Trans-4-(boc-amino) cyclohexane acetaldehyde	215790-29-7
Tert-butyl-[(1r,4r)-4-(2-(4-(2,3-dichlorophenyl) piperazin-1-yl) ethyl] cyclohexyl)carbamate	506427-91-4
Ethyl (trans-4-boc amino cyclo hexyl) acetate	946598-34-1
Tert-butyl-[(1r,4r)-4-(2-(4-(2,3-dichlorophenyl) piperazin-1-yl) ethyl] cyclohexyl)carbamate	506427-91-4

LIST OF INTERMEDIATES

To TREAT CARDIOMYOPATHY

TAFAMIDIS MEGLUMINE

4-amino-3-Hydroxy benzoic acid	2374-03-0
3,5-Dichlorobenzoic Acid	51-36-5
2-(3,5-Dichlorophenyl)benzoxazole-6-carboxylic acid	594839-88-0
3,5-Dichlorobenzoyl chloride -95% assay	2905-62-6

ANTI-CONVULSANT

VIGABATRIN

Trans-1,4-Dichloro-2-butene	764-41-0
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ANTI-PLATELET

TICAGRELOR

2-(((3aR,4S,6R,6aS)-6-Amino-2,2-dimethyltetrahydro-3aH-cyclopenta[d][1,3]dioxol-4-yl)oxy)ethanol L-Tartaric Acid	376608-65-0
4,6-Dichloro-2-(propylthio)pyrimidin-5-amine	145783-15-9
(1R,2S)-2-(3,4-Difluorophenyl)cyclopropanamine Hydrochloride	1156491-10-9
2-(((3aR,4S,6R,6aS)-6-((5-amino-6-chloro-2-(propylthio)pyrimidin-4-yl)amino)-2,2-dimethyltetrahydro-3aH-cyclopenta[d][1,3]dioxol-4-yl)oxy)ethanol	376608-74-1

LIST OF INTERMEDIATES

ANTI-DIABETIC

VILDAGLIPTIN

3-Amino-1-adamantanol	702-82-9
(S)-1-(2-Chloroacetyl) pyrrolidine-2-carbonitrile	207557-35-5

SITAGLIPTIN PHOSPHATE MONOHYDRATE

3-(trifluoro methyl)-5,6,7,8-tetrahydro-[1,2,4] triazolo[4,3-a] pyrazine hydrochloride	762240-92-6
1-(3-(Trifluoromethyl)-5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)-4-(2,4,5-trifluorophenyl)butane-1,3-dione	764667-65-4

LINAGLIPTIN

8-Bromo-7-(2-butyn-1-yl)-3-methylxanthine	666816-98-4
2- (Chloromethyl)-4-methylquinazoline	109113-72-6
(R)-tert-butyl piperidin-3-ylcarbamate	309956-78-3

IMEGLIMIN HCL

(+)-2-amino-3,6-dihydro-4-dimethyl amino-6-methyl-1,3,5-triazine tartarate salt	
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LIST OF INTERMEDIATES

ANTI-INFLAMMATORY

KETOPROFEN

3-(1-Cyanoethyl)benzoic acid	5537-71-3
2-(3-Benzoylphenyl)propionitrile	42872-30-0

TO TREAT CHRONIC KIDNEY DISEASE

FINERENONE

4-Formyl-3-methoxybenzonitrile	21962-45-8
2-cyanoethyl 3-oxobutanoate	65193-87-5
4-Amino-5-methylpyridin-2-ol	95306-64-2

TO TREAT OPIOID ANALGESIC

TAPENTADOL HCL

(2S,3R)-1-(dimethylamino)-3-(3-methoxyphenyl)-2-methylpentan-3-ol	809282-20-0
3-Methoxy Propiophenone	37951-49-8

LIST OF INTERMEDIATES

ANTI - PSYCHOTIC

ARIPRAZOLE

7-Hydroxy-3,4-dihydro-1H-quinolin-2-one	22246-18-0
7-(4-Chlorobutoxy)-3,4-dihydro-2(1H)-quinolinone	120004-79-7
1-(2,3-Dichlorophenyl)piperazine Hydrochloride	119532-26-2

QUETIAPINE FUMARATE

Dibenzo[b,f][1,4]thiazepin-11(10H)-one	3159-07-7
11-(1-Piperazinyl)-dibenzo[b,f][1,4]thiazepine dihydrochloride	753475-15-9

ANTI-ULCERATIVE

RABEPRAZOLE SODIUM

2-Hydroxymethyl-4-(3-methoxypropoxy)- 3-methylpyridine hydrochloride	675198-19-3
2-Chloromethyl-3-methyl-4-(3-methoxypropoxy)pyridine hydrochloride	153259-31-5
2-{{[4-(3-Methoxypropoxy)-3-methyl-2-pyridyl]methyl}thio}-1H-benzimidazole	117977-21-6
2-[[4-(3-methoxypropoxy)-3-methyl-pyridin-2-yl]methylsulfinyl]-1H-benzoimidazole	117976-89-3

REBAMIPIDE

4-(Bromomethyl)-2-quinolinone	4876-10-2
Diethyl acetamidomalonate	1068-90-2

LIST OF INTERMEDIATES

ANTI VIRAL

MOLNUPIRAVIR

(((3aR,4R,6R,6aR)-6-((E)-4-(hydroxyimino)-2-oxo-3,4-dihydropyrimidin-1(2H)-yl)-2,2-dimethyltetrahydrofuro[3,4-d][1,3]dioxol-4-yl)methyl isobutyrate)	2346620-55-9
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NIRMATRELVIR

(1R,2S,5S)-methyl 6,6-dimethyl-3-aza-bicyclo[3.1.0]hexane-2- carboxylate hydrochloride	565456-77-1
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α -amino-2-oxo-3-Pyrrolidinepropanamide Hcl	2628280-48-6
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3-methyl-n-(trifluoroacetyl)-L-valine	666832-71-9
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FAVIPIRAVIR

6-Bromo-3-Hydroxypyrazine-2-carboxamide	259793-88-9
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ANTI-HYPERTENSIVE

FIMASARTAN

2-Butyl-1,6-dihydro- N,N,4-trimethyl-6-oxo-1[[2-[1-(tri phenyl methyl)-1H-tetrazol-5-yl][1,1-biphenyl]-4-yl]methyl]-5-pyrimidine acetamide	503155-67-7
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ANTI-HYPERCHOLESTEROLEMIA

BEMPEDOIC ACID

1-((Isocyanomethyl)sulfonyl)-4-methylbenzene	36635-61-7
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