



Intermediates			
Product	Use	Current Status	CAS No.
3-Amino-Piperidine-2,6-Dione HCl	Lenalidomide	Commercial	24666-56-6
3-Nitro-2-Bromomethyl Methyl Benzoate	Lenalidomide	Commercial	98475-07-1
2-Amino-5'-hydroxypropiofenone (AHP)	Irinotecan	Commercial	35364-15-9
N-(4-(methylamino)benzoyl)-L-glutamic acid diethyl ester	Methotrexate	Commercial	2378-95-2

Intermediates List		
Product	CAS Number	End Use
Phenyl-(2-pyridyl acetamide)	7251-52-7	Methylphenidate
Phenyl-2-(2'-piperidyl) acetamide	19395-39-2	Methylphenidate
threo-phenyl-2-piperidyl acetamide*	50288-62-5	Methylphenidate
dl-threo-Ritalinic acid*	54631-24-2	Methylphenidate
d-threo-Ritalinic acid HCl*	741705-70-4	Dex Methylphenidate
Tert-butyl N-[(2S)-6-[(2-methylpropan-2-yl)oxycarbonylamino]-1-oxo-1-[[[(2S)-1-phenylpropan-2-yl]amino]hexan-2-yl]carbamate (Lisdexamfetamine Intermediate (LDX-I)	819871-13-1	Lisdexamfetamine dimesylate
2-aminomethyl-7-chloro-2,3-dihydro-5-(2-fluorophenyl)-1h-1,4-benzodiazepine dimaleate	59469-29-3	Midazolam
2-[(2S)-oxiran-2-ylmethyl]-1H-isoindole-1,3(2H)-dione	161596-47-0	Rivaroxaban
5-chlorothiophene-2-carboxylic acid	24065-33-6	Rivaroxaban
(2S, 3R)-1-(Dimethylamino)-3-(3-methoxyphenyl)-2-methyl-3-pentanol	809282-20-0	Tapentadol HCL/ Tapentadol Phosphate
3-Methoxy propiophenone	37951-49-8	Tapentadol HCL/ Tapentadol Phosphate
3-Hydroxy propiophenone	13103-80-5	Tapentadol Phosphate
2-(2,3-Dichlorophenyl)-2-(guanidinylimino)acetonitrile (Schiff Base)	84689-20-3	Lamotrigine
Methyl Olivetolate	58016-28-7	Cannabidiol
Olivetol	500-66-3	Cannabidiol
Menthadienol (MTH)	22972-51-6	Cannabidiol and Dronabinol family
4-Amino-2-chloro-6,7-dimethoxyquinazoline	23680-84-4	Doxazosin Mesylate
Methyl 3-((3S)-7-bromo-2-((2-hydroxypropyl)amino)-5-(pyridin-2-yl)-3H-benzo[e][1,4]diazepin-3-yl)propanoate (REM-II)	308243-54-1	Remimazolam Besylate
(S)-2-((S)-4-methyl-2-((S)-2-(2-morpholinoacetamido)-4-phenylbutanamido)pentanamido)-3-phenylpropanoic acid	868540-16-3	Carfilzomib
(S)-2-amino-4-methyl-1-((R)-2-methyloxiran-2-yl)pentan-1-one trifluoroacetic acid salt	247068-85-5	Carfilzomib
(5-Bromo-2-chlorophenyl)(4-ethoxyphenyl)methanone	461432-22-4	Dapagliflozin and Ertugliflozin
5-Bromo-2-chloro-4'-ethoxydiphenylmethane	461432-23-5	Dapagliflozin and Ertugliflozin
(S)-8-Ethyl-8-hydroxy-2,3,5,8-tetrahydro-6-oxa-3a-aza-cyclopenta [b]naphthalene-1,4,7-trione	110351-94-5	Irinotecan
2'-Amino-5'-hydroxypropiofenone	35364-15-9	Irinotecan
7-Ethyl-10-hydroxycamptothecin (SN-38)	86639-52-3	Irinotecan
10-Hydroxycamptothecin	19685-09-07	Topotecan
4-Fluoro-2-methoxy-5-nitroaniline	1075705-01-9	Osimertinib
N-(4-Fluoro-2-methoxy-5-nitrophenyl)-4-(1-methyl-1H-indol-3-yl)-2-pyrimidinamine	1421372-94-2	Osimertinib

2-Amino-5-bromobenzaldehyde	29124-57-0	
2-phenylpyridine	1008-89-5	
3-Bromopyridazine Hydrobromide	----	
3-Hydroxyazetidide hydrochloride	18621-18-6	
6-Hydroxy-1,2,3,4-tetrahydroisoquinoline	14446-24-3	
Trimethylsulfoxonium chloride	5034-06-0	
Tri-tert-butylphosphoniumtetrafluoroborate	131274-22-1	

v filed * Under filing

Pre Formulation Intermediates (Pellets)										
Product name	DMF/ Techpack	Bio equivalence established	Type of BE study	RLD/ Market	Stability	Brazil	Turkey	Mexico	MENA	APAC
Duloxetine DR Pellets 17% (HPMC Phthalate)	DMF	No		Cymbalta	6M	DMF ^a		DMF ^a	Yes	
Duloxetine HCl DR Pellets 20% (HPMC Acetyl succinate)	DMF	Yes	Fast & Fed	Cymbalta/ EU	36M		Yes	Yes		
Duloxetine HCl DR Pellets 20% (HPMC Phthalate)	DMF	Yes	Fast & Fed	Cymbalta/ EU	36M	Yes	Yes			
Fenofibrate SR Pellets 75%	DMF	No			36M	Yes			Yes	
Fenofibric acid DR Pellets 29%	DMF	No			6M		Yes			
Itraconazole IR Pellets 21.74%	DMF	Yes	Fast & Fed	Sporanox/ US	24M			Yes		Yes
Itraconazole IR Pellets 22%	DMF	No			36M	Yes		Yes	Yes	
Itraconazole IR Pellets 22%	DMF	No			36M	Yes		Yes	Yes	
Lansoprazole Pellets 8.5%	DMF	No *		*Customer established BE in TR	36M	Yes	Yes		Yes	Yes
Mebeverine HCl IR Pellets 40%	DMF	No			36M				Yes	
Mebeverine HCl IR Pellets 46%	DMF									
Mebeverine HCl SR Pellets 72%	DMF	No			24M					
Mebeverine HCl SR Pellets 80%	DMF	Yes	Fast & Fed MDD/SS	Colofac & MR/EU	36M			Yes	Yes	
Methylphenidate HCl ER Pellets 11%	DMF	Yes	Fast & Fed	Ritalin LA/BR	6M (Mar/24)	DMF ^a				
Metoprolol SR Pellets 66%	DMF	No *		*Customer established BE in TR	36M		Yes			
Omeprazole DR Pellets 8.5% (LD-30)	DMF	No			36M			Yes	Yes	Yes

Omeprazole Pellets 8.5% (Phthalate)	DMF	No			36M	Yes	Yes	Yes		
Orlistat IR Pellets 50% (Extrudes)	DMF	No		Xenical/EU	36M	Yes		Yes		
Posaconazole Granules 16.39%	DMF	Yes	Fast & Fed US	NOXAFIL NA	24M					

Under compilation

Pre Formulation Intermediates (Pellets)										
Product name	DMF/ Techpack	Bio equivalence established	Type of BE study	RLD/ Market	Stability	Brazil	Turkey	Mexico	MENA	APAC
Tamsulosin ER Pellets 0.12%	NA	Yes	Fast & Fed US, CAN	Flomax/ NA	6M (May/24)			Yes		
Tamsulosin HCl ER Pellets 0.2%	DMF	No			36M	Yes	Yes	Yes	Yes	Yes
Venlafaxine HCl ER Pellets 33% (Brazil)	DMF	No			36M	Yes				
Venlafaxine HCl ER Pellets 33% (Regular composition)	DMF	No	Fast & Fed	Effexor/ TR	48M		Yes	Yes		
Venlafaxine HCl ER Pellets 33% (Turkey)	DMF	Yes	Fast & Fed & MDD/SS	Effexor/ EU	6M*		Yes			

Pre Formulation Intermediates - Under Development					
Product name	DMF/Techpack	Bio equivalence established	Type of BE study	RLD/Market	Stability
Galantamine HBR ER Pellets, 8%	Tech pack	Yes	Fast/Fed	Reminyl ER/EU	6M
Dabigatran etexilate SR pellets 36.8% w/w	Tech pack	Yes	Fast	PRADAXA/US	6 M
Dabigatran etexilate SR pellets 35% w/w	Tech pack	No		PRADAXA/US	6 M
Dexlansoprazole DR pellets 22.5% w/w	Tech pack	Yes	Fast/Fed	DEXILANT/US	6 M (May/24)
Dexlansoprazole DR pellets 20% w/w	Tech pack	No		DEXILANT/US	6 M (Jun/24)
Dipyridamole SR pellets 41.76% w/w	Tech pack	Yes	Fast & Fed	AGGRENOX/US	6 M
Esomeprazole DR pellets 22.5% w/w	Tech pack	Yes	Fast	NEXIUM/EU	12 M
Memantine SR pellets 14 % w/w	Tech pack	Yes	Fast & Fed	NAMZARAC/US	6 M
Trimetazidine Pellets 53 %	Tech pack	No		Vastarel MR /BR/TR	
Tamsulosin HCl SR Pellets, 0.16%	DMF	No			6M (Jun/24)
Mebeverine HCl SR Pellets, 46%	DMF	No			6M(Jul/24)