

**PRODUCT LIST - INTERMEDIATES**

| Name of the API with its Intermediate name   | CAS No.     |
|--|-------------|
| <b>Ambroxol HCl</b>  |             |
| 2-Amino-3,5-Dibromo-Benzaldehyde   | 50910-55-9  |
| <b>Amiodarone HCl</b>  |             |
| 2-Butyl-3-(3,5-Diiodo-4-hydroxy benzoyl) benzofuran  | 1951-26-4   |
| <b>Amisulpiride</b>  |             |
| 2-(Aminomethyl)-1-ethylpyrrolidine   | 26116-12-1  |
| <b>Amlodipine Besilate</b>   |             |
| Amlodipine Base  | 88150-42-9  |
| <b>Apixaban</b>  |             |
| 3-morpholino-1-(4-(2-oxopiperidin-1-yl) phenyl)-5,6-dihydropyridin-2(1H)-one   | 545445-44-1 |
| (Z)-Ethyl 2-chloro-2-(2-(4-methoxyphenyl)hydrazono) acetate  | 27143-07-3  |
| 3-Morpholino-1-(4-nitrophenyl)-5,6-dihydropyridin-2(1H)-one  | 503615-03-0 |
| Ethyl 1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxylate              | 503614-91-3 |
| <b>Apremilast</b>  |             |
| 3-Acetamidophthalic anhydride  | 6296-53-3   |
| (S)-1-(3-Ethoxy-4-methoxyphenyl)-2-(methylsulfonyl)ethanamine  | 608141-42-0 |
| <b>Aripiprazole</b>  |             |
| 7-(4-Bromobutoxy)-3,4-dihydro-2(1H)-quinolinone  | 129722-34-5 |
| <b>Atorvastatin</b>  |             |
| Tert-Butyl(4R,6R)-2-[[[6-(2-4-fluorophenyl)-5-isopropyl-3-phenyl-4-(phenylcarbamoyl)pyrrol-1-yl]ethyl]-2,2-dimethyl-1,3dioxan-4-yl]acetate | 125971-95-1 |
| Diketone (4 Fluoro-a-[2-methyl-1-oxopropyl]-y,b-bisphenylbenzene butaneamide)  | 125971-96-2 |
| <b>Bendamusitn HCl</b>   |             |
| Ethyl4-(5-amino-1-methyl-1H-benzo[d]imidazole -2-yl)butanoate  | 3543-73-5   |
| <b>Bupropion</b>   |             |
| 3'-Chloropropiophenone   | 34841-35-5  |
| <b>Carvedilol</b>  |             |
| 4-(2,3-Epoxy Propoxy) Carbazole  | 51997-51-4  |
| <b>Celecoxib</b>   |             |
| 1-(4-Methylphenyl)-4,4,4-Trifluoro-butane-1,3-Dione  | 720-94-5    |
| <b>Cetirizine</b>  |             |
| 1-(4-Chloro Benzhdryl) Piperazine  | 303-26-4    |
| <b>Chlorpromazine</b>  |             |
| 2-Chlorophenothiazine  | 92-39-7     |
| <b>Clopidogrel</b>   |             |
| S-(+) - Methyl-(2-Chlorophenyl)[(2-(2-thienyl)amino  | 141109-19-5 |
| Methyl-(4,5,6,7-tetrahydro-5-thieno [3,2-c] pyridyl) (2-chlorophenyl) acetate hydrochloride  | 144750-52-7 |

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|---|--------------|
| S(+)-2-(2-Chlorophenyl)-6,7-dihydrothieno (3,2- C)pyridine-5(4H)-acetic acid methyl ester camphorsulfonate                              | 120202-68-8  |
| <b>Dabigatran</b>   |              |
| N-(4-cynophenyl)-glycine  | 42288-26-6   |
| N-[3-Amino-4-(methyl amino)benzoyl]-N-2-pyridinyl- ethyl ester  | 212322-56-0  |
| 2-(4-Cyanophenylamino) Acetic acid  | 42288-26-6   |
| Ethyl 3-(2-(((4-cyanophenyl) amino) methyl)-1-methyl- N-pyridin-2-yl)-1H-benzo[d]imidazole-5-carboxamido) propanoate                    | 211915-84-3  |
| Ethyl 3-2-(4-amidinophenylamino) methyl)-1-methyl- N-(pyridin-2yl)-1H-benzo[d]imidazole-5-carboxamido) propanoate                       | 429658-95-7  |
| Ethyl 3-[[2-[[4-(E)-N1-hexyloxycarbonyl carbamimidoyl] aniline] methyl]-1-methylbenzimidazole-5-carbonyl] pyridin-2-ylamino] propanoate | 1408238-36-7 |
| <b>Deferasirox</b>  |              |
| 2-(2-Hydroxy phenyl)benz(e)[1,3]-oxazin-4-one.  | 1218-69-5    |
| 4-hydrazino benzoic Acid  | 619-67-0     |
| <b>Doxazosin Mesylate</b>   |              |
| N-(1,4-Benzodioxan-2-carbonyl)piperazine  | 70918-00-2   |
| 4-Amino-2-chloro-6,7-dimethoxyquinazoline   | 23680-84-4   |
| <b>Edoxaban</b>   |              |
| 2-[(5-chloropyridin-2-yl)amino]-2-oxoacetic acid ethyl ester  | 1243308-37-3 |
| Ethyl oxalyl chloride   | 125542-74-7  |
| <b>Eletriptan Hydrobromide</b>  |              |
| (R)-5-Bromo-3-((1-methyl-2-pyrrolidinyl)methyl)-1H-indole   | 143322-57-0  |
| Eliglustat  | 29668-44-8   |
| 2,3-dihydrobenzo[b][1,4]dioxine-6-carbaldehyde  |              |
| <b>Esomedprazole Magnesium</b>  |              |
| 6-Methoxy-2-[(S)-[(4-methoxy-3,5-dimethyl-2- pyridinyl)methyl]sulfinyl]-1H-benzimidazole potassium salt (1:1)                           | 161796-84-5  |
| <b>Etoricoxib</b>   |              |
| [Ketosulfone] 1-(6-methylpyridin-3-yl)-2-[4-(methylsulfonyl) phenyl]ethanone  | 221615-75-4  |
| <b>Famotidine</b>   |              |
| S-(2-Guanidino)-Thiazol-4-yl-methyl-isothiourea dihydrochloride (FAM-I)   | 88046-01-9   |
| N-sulfamyl-3-chloropropionamide hydrochloride (FAM-II)  | 106649-95-0  |
|   |              |
| <b>Febuxostat</b>   |              |
| Ethyl 2-(3-cyano-4-isobutoxyphenyl)-4-methyl-5-thiazolecarboxylate  | 160844-75-7  |
| <b>Flecainide</b>   |              |
| 2 5-Bis (2 2 2-trifluoroethoxy)benzoic acid   | 35480-52-5   |
| Fluconazole   | 51336-94-8   |
| 2,4Difluoro 1H,1yl,1,2,4Triazole Acetophenone (DFTA)  |              |
| <b>Fluvoxaine Maleate</b>   |              |
| 5-Methoxy-1-[4-(trifluoromethyl) phenyl]-1-pentanone  | 61718-80-7   |
| <b>Glibenclamide</b>  |              |
| Sulphonamide of Glibenclamide   | 16673-34-0   |

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|  |             |
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| <b>Glimepiride</b>   |             |
| Glimepiride Sulfonamide  | 119018-29-0 |
| <b>Glipizide</b>   |             |
| 4-(2-aminoethyl)benzene sulfonamide  | 35303-76-5  |
| <b>Ibandronate</b>   |             |
| 3-(N-Methyl-N-Pentyl amino)propionic acid HCl  | 625120-81-2 |
| <b>Ilaprazole</b>  |             |
| 2-(Chloromethyl)-4-methoxy-3-methylpyridine hydrochlorid   | 86604-74-2  |
| <b>Itraconazole</b>  |             |
| 2,4-Dihydro-4-[4-[4-(4-hydroxyphenyl)-1- piperazinyl]phenyl]-2-(1 methylpropyl)-3H-1,2,4-triazol-3-1     | 106461-41-0 |
| ( Cis-2-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-ylmethyl)-1,3-dioxolan-4-ylmethyl methane sulphonate  | 67914-86-7  |
| <b>Ivacaftor</b>   |             |
| 4-oxo-1,4 dihydroquinoline-3-carboxylic acid   | 13721-01-2  |
| <b>Ketoconazole</b>  |             |
| Cis Bromo Benzoate   | 61397-56-6  |
| <b>Ketorolac</b>   |             |
| Diethyl Cyclopropane-1,1-Dicarboxylate   | 1559-02-0   |
| <b>Labetalol HCl</b>   |             |
| 5-Bromoacetyl Salicylamide 2-(2,3-Dichlorophenyl)-2-(guanidinylamino)acetonitrile                        | 73866-23-6  |
| <b>Lamivudine</b>  |             |
| 2,2-Dihydroxy- acetic acid-(1R,2S,5R)-5-methyl-2-(1-methylethyl)cyclohexyl ester (LVC-1)                 | 111969-64-3 |
| <b>Lamotrigine</b>   |             |
| 2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy) pyridin-2-yl]methyl]thio]-1H-benzimidazole                       | 84689-20-3  |
| <b>Lansoprazole</b>  |             |
| 2-(Chloromethyl)-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine hydrochloride (Lansochloro)                  | 127337-60-4 |
| 2-mercaptobenzimidazole  | 583-39-1    |
| 2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]thio]-1H-benzimidazole                        | 103577-40-8 |
| <b>Levocetizine</b>  |             |
| (-)-1-[4-(Chlorophenyl)phenyl Methyl] piperazine   | 130018-88-1 |
| <b>Levosulpiride</b>   |             |
| 2-methoxy-5-sulfamoyl methyl benzoate  | 33045-52-2  |
| <b>Linagliptin</b>   |             |
| 4-Nitrophenethylamine hydrochloride  | 668273-75-4 |
| <b>Loratadine</b>  |             |
| N-Methyl Desloratadine   | 38092-89-6  |
| <b>Lornoxicam</b>  |             |
| 6-Chloro-hydroxy-2-methyl-N-2-Pyridinyl-2H-thieno-[2,3-e]-1,2-thiazine-3-carboxamide 1,1 dioxide (LXM-1) | 70374-51-5  |
| <b>Losartan Potassium</b>  |             |
| 2-n-Butyl-4-chloro-5-formyl-1-H-imidazole(BCFI)  | 83857-96-9  |

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|   |              |
|---|--------------|
| <b>Memantine HCl</b>  |              |
| 1-Acetamido-3,5-dimethyladamantane  | 19982-07-1   |
| <b>Miconazole</b>   |              |
| 1-(2,4-Dichlorophenyl)-2-(1H-Imidazol-1-yl)ethanol  | 24155-42-8   |
| <b>Mirabegron</b>   |              |
| 2-(4-nitrophenyl)ethanamine hydrochloride   | 29968-78-3   |
| 2-Aminothiazol-4-acetic acid Hydrochloride  | 29676-71-9   |
| (R)-2-Hydroxy-N-(4-nitrophenethyl)-2-phenylacetamide  | 66659-20-9   |
| <b>Olanzapine</b>   |              |
| Amino-2-methyl-10H-thiene[2,3-b][1,5]benzodiazepine hydrochloride                           | 138564-60-0  |
| <b>Omeprazole</b>   |              |
| 2-chloromethyl-3,5-dimethyl-4-methoxy pyridine hydrochloride (Omechloro)                    | 86604-75-3   |
| 5-methoxy-2-((4-methoxy-3,5-dimethylpyridin-2-yl)methylthio)-1H-benzimidazole               | 1346599-85-6 |
| 5-methoxy-2-[[4-methoxy-3,5-dimethyl-2-pyridinyl]   | 73590-85-9   |
| <b>Oseltamivir Phosphate</b>  |              |
| Ethyl (3R, 4S, 5S)-4,5-epoxy-3-(1-ethyl-propoxy) cyclohex-1-ene-1-carboxylate               | 204254-96-6  |
| <b>Paliperidone</b>   |              |
| 2-Amino-3-benzoyloxy pyridine   | 24016-03-3   |
| <b>Pantoprazole Sodium</b>  |              |
| 5-Difluoromethoxy-2-[[3,4-dimethoxy-pyridin-2-yl)methyl]thio]-1H-benzimidazole.             | 102625-64-9  |
| <b>Paroxetine HCl</b>   |              |
| N-Methyl Paroxetine   | 110429-36-2  |
| (3S,4R)-4-(4-Fluorophenyl)-3-hydroxymethyl-1-methylpiperidine                               | 105812-81-5  |
| <b>Perampanel</b>   |              |
| 5'-bromo-1'-phenyl-[2,3'-bipyridin]-6'(1'H)-one   | 381248-06-2  |
| <b>Pioglitazone</b>   |              |
| 5-[[4-[2-(5-Ethylpyridin-2-yl)ethoxy]phenyl]methyl]-1,3-thiazolidine-2,4-dione              | 111025-46-8  |
| <b>Pirfenidone</b>  |              |
| 5-Methylpyridin-2(1H)-one   | 1003-68-5    |
| <b>Prasugrel</b>  |              |
| 2-Bromo-2-(2-fluorophenyl)-1-cyclopropylethanone  | 204205-33-4  |
| 5,6,7,7a-Tetrahydrothieno(3,2-c)pyridine-2(4H)-one hydrochloride                            | 115473-15-9  |
| <b>Pregabalin</b>   |              |
| 3-(Carbamoyl)-5-Methyl Hexanoic Acid  | 181289-33-8  |
| <b>Quetiapine</b>   |              |
| Dibenzo[B,F][1,4]-Thiazepin-11(10H)-one   | 460029       |
| <b>Rabeprazole</b>  |              |
| Pyridine 4-chloro-2,3-dimethyl 1-oxide  | 59886-90-7   |
| 2-[[4-(3-Methoxypropoxy)-3-methylpyridine-2-yl]methylthio]-1H-benzimidazole (Rabe Sulphide) | 117977-21-6  |
| <b>Racecadotril</b>   |              |
| 2-Benzyl acrylic acid   | 5669-19-2    |
| <b>Raloxifene</b>   |              |
| 2-bromo-4-methoxyacetophenone   | 2632-13-5    |
| 6-methoxy-2-(4-methoxyphenyl)benzo [b] thiophene  | 63675-74-1   |

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|---|-------------|
| 4-(2-(piperidin-1-yl)ethoxy)benzoic acid hydrochloride  | 84449-80-9  |
| <b>Raltegravir</b>  |             |
| Methyl 2-[[[(benzyloxy) carbonyl] amino]-1- methylethyl]- 1methyl-5-hydroxy-6-Oxo-1,6-dihydroxy pyrimidine-4-carboxylate.       | 888504-27-6 |
| Benzyl [1-[4-[[[(4-fluorobenzyl) amino]carbonyl] -5- hydroxy-1-methyl- 6-oxo-1,6-dihydropyrimidin-2-yl]-1-methylethyl]carbamate | 518048-02-7 |
| 5-Methyl-1,3,4-oxadiazole-2-carboxylic acid potassium salt.   | 888504-28-7 |
| <b>Ranolazine</b>   |             |
| 1-[N-(2,6-Dimethylphenyl)carbamoyl methyl] piperazine   | 5294-61-1   |
| 1-(2-Methoxyphenoxy)-2,3-epoxypropane   | 2210-74-4   |
| <b>Risedronate Sodium</b>   |             |
| 3-pyridylacetic acid hydrochloride  | 6419-36-9   |
| <b>Rivaroxaban</b>  |             |
| 4-[4-[(5S)-5-Phthalimidomethyl-2-oxo-3-oxazolidinyl]phenyl]-3-morpholinone  | 446292-08-6 |
| 4-(4-aminophenyl)morpholin-3-one  | 438056-69-0 |
| S(+)-Glycidyl phthamide   | 161596-47-0 |
| 5-chlorothiophene-2-carboxylic acid   | 24065-33-6  |
| 2-[(2R)-2-Hydroxy-3-{[4-(3-oxomorpholin-4-yl)phenyl] amino} propyl]-1H-isoindole-1,3(2H)-dione                                  | 446292-07-5 |
| (S)-2-((2-oxo-3-(4-(3-oxo- morpholino)phenyl)oxazolidin-5-yl)methyl)isoindoline-1,3-dione                                       | 446292-08-6 |
| 4-[4-[(5S)-5-(Aminomethyl)-2-oxo-3- oxazolidinyl]phenyl]-3-morpholinone Hydrochloride   | 898543-06-1 |
| <b>Roflumilast</b>  |             |
| 3,4 Dihydroxy Benzaldehyde  | 139-85-5    |
| <b>Sertraline</b>   |             |
| 4-(3,4-Dichlorophenyl)-3,4-dihydro-1(2H)-naphthalenone  | 79560-19-3  |
| <b>Sevelamer</b>  |             |
| Poly(allylamine hydrochloride)  | 71550-12-4  |
| <b>Solifenacin</b>  |             |
| 3-Quinuclidinone hydrochloride  | 1193-65-3   |
| <b>Tadalafil</b>  |             |
| 1,2,3,4-Tetrahydro-2-chloroacetyl-1-(3,4-methylene dioxyphenyl)-9H-pyrido [3,4-B] indole-3-carobxylate                          | 171489-59-1 |
| <b>Telmisaratin</b>   |             |
| 3'-n-propyl-4-methyl-6-(1-methylbenzimidazole-2-yl)-1H-benzimidazole  | 152628-02-9 |
| <b>Teneligliptin</b>  |             |
| 1-(3-Methyl-1-phenyl-1H-pyrazol-5-yl) piperazine  | 401566-79-8 |
| (2S)-4-Oxo-2-(3-thiazolidinylcarbonyl)-1- pyrrolidinecarboxylic Acid 1,1-Dimethylethyl Ester                                    | 401564-36-1 |
| <b>Terbutaline</b>  |             |
| 3,5-dibenzyloxy acetophenone  | 28924-21-2  |
| 3,4- Dihydro-6-methyl-3-methyl pyridine HCl   | 403612-90-8 |
| <b>Topiramate</b>   |             |
| Diacetone fructose  | 20080-92-6  |
| <b>Torseamide</b>   |             |

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|  |             |
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| 4-(3-Methyl Phenyl) Amino-3-Pyridine Sulfonamide   | 72811-73-5  |
| <b>Valacyclovir HCl</b>  |             |
| 2-[(2-amino-1,6-dihydro-6-oxo-9H -purin-9-yl) methoxy] ethyl N-[(phenylmethoxy)carbonyl]-L- valinate | 124832-31-1 |
| <b>Voriconazole</b>  |             |
| 1-(2,4-Difluorophenyl)-2-(1H-1,2,4-triazole-1-yl) ethanone   | 86404-63-9  |
| 4-chloro-6-ethyl-5-fluoropyrimidine  | 137234-74-3 |
| <b>Zaleplon</b>  |             |
| 3-Aminopyrazole-4-carbonitrile   | 16617-46-2  |
| <b>Zoledronic Acid</b>   |             |
| Imidazole-1-yl-acetic acid   | 22884-10-2  |

Note: - Products protected by valid patents are not offered for sale in jurisdiction where the sale of such products constitutes a patent infringement, Torshaa Pharma Solution LLP is not responsible for any patent infraction for these products.

