

BLUEJET HEALTHCARE

Excellence Is The Way Of Life



Who we are

A specialty chemicals and pharmaceuticals intermediates and ingredients CDMO, which offers niche products enabled by complex chemistry capabilities

Vision

Our vision is to be integrated growth partner of choice in Global Pharmaceutical and Healthcare arena.

Core Values : Quality, Integrity, Respect, Sustainability & Leadership

At a Glance

- #1 In Contrast Media intermediates & Saccharin (Artificial Sweetener) in India
- Scaling up Pharmaceutical Intermediates / API for Generics and NCE's
- Experience in executing projects from Lab Scale to Commercialization in dedicated manufacturing block
- Robust Chemistry Capabilities & Strong Regulatory Support



We are a global, science-led, pharmaceutical company evolved as Strategic Partner for Collaboration, Development & Manufacturing of advance Pharmaceutical Intermediates and API.

Having 53 years of history, our know-how and expertise has grown over many years in the development, scale up and commercialization which has now been expanded to include contract development.

As a result of continued pipeline delivery and commercial execution we have a longstanding, extensive relationships with our customers.

Our Manufacturing Facilities

Unit-I :

Location: Shahad

Area: 12000 m²

Reaction Capacity: 200 KL

Regulatory Certificates:

WHO GMP, ISO



Unit-II :

Location: Ambernath

Area: 36000 m²

Reaction Capacity: 600 KL

Regulatory Certificates: USFDA,

WHO GMP, ISO, OHSAS



Unit-III

Newly Acquired Site

Location: Mahad

Area: 16000 m²

Reaction Capacity: 200 KL



Unit-IV

Newly Acquired Site

Location: Ambernath

Area: 24000 m²

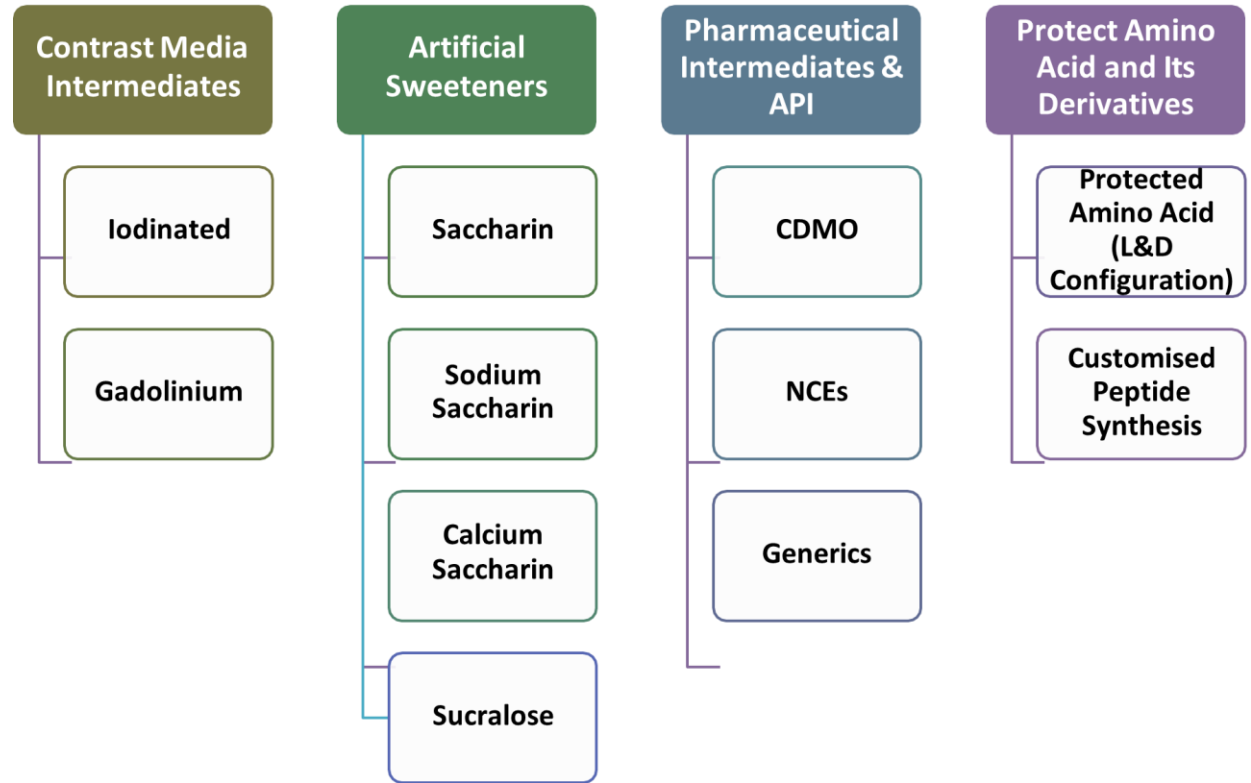
Capacity :Expected to be 71 KL



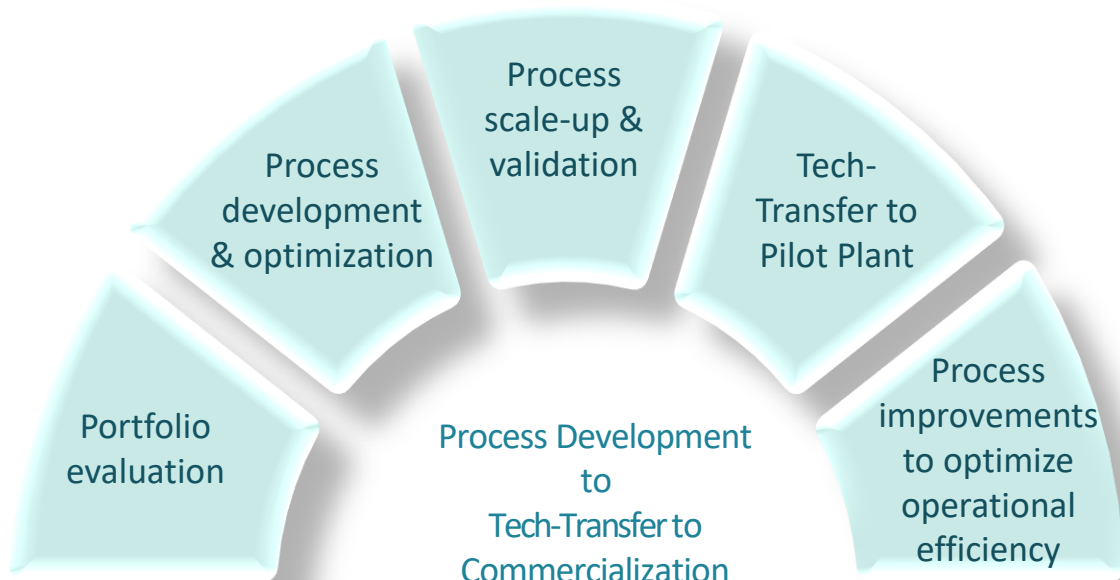
Key Metrics

- ✓ 56 years of legacy
- ✓ Leader In Saccharine Contrast media Intermediates
- ✓ >30 years CDMO Experience
- ✓ Consistent Capex Cycle and Debt free
- ✓ 1250 KL Reaction capacity across 4 facilities
- ✓ 46 Product Commercialized 60%+ revenue contracted
- ✓ 1 USFDA Approved Facility
- ✓ 80% of energy through renewable sources

Business Segments



R&D Capabilities



- ❑ Developed a portfolio of more than 100 molecules with over 40 products successfully commercialized
- ❑ Support Regulatory filings Project Management & technical discussions in CDMO Business
- ❑ DSIR approved, dedicated R&D lab

In-house Analytical Capabilities

- ✓ Method validation
- ✓ Particle size distribution studies
- ✓ Stability/hold-time studies
- ✓ Non-carry over studies
- ✓ Polymorphism screening & optimization
- ✓ Characterization of impurities & standards
- ✓ Pharmaceutical salt screening & optimization

GMP Pilot Plant



Unique Features

High Vacuum Distillation (0.5 to 1mm-Hg)
Single Fluid Heating Cooling System

Chemistries from R&D to Commercial

Matured Platforms

- ▶ Catalytic Hydrogenation
- ▶ Bromination
- ▶ Chlorination
- ▶ Acylation
- ▶ Diazotization
- ▶ Amidation
- ▶ Esterification
- ▶ Nitration

New Platforms

- ▶ Iodination
- ▶ Protection & De-protection Chemistry
- ▶ Enzymatic Chemistry

Versatile Platforms

- ▶ Pyrophoric Reactions
- ▶ Cryogenic Reactions
- ▶ High Pressure Reactions
- ▶ High temperature reactions

Integrated CDMO partner : End-to-end solutions from process development to Commercialization

Co-development

Custom synthesis

Contract manufacturing

Strategic Partnerships

NCEs

Advance Intermediates

APIs

Protected amino acids & its derivatives

Partnering with Innovators & Generics

Strong R&D and GMP Kilo Labs

4 GMP sites with 1000Kl+ capacity

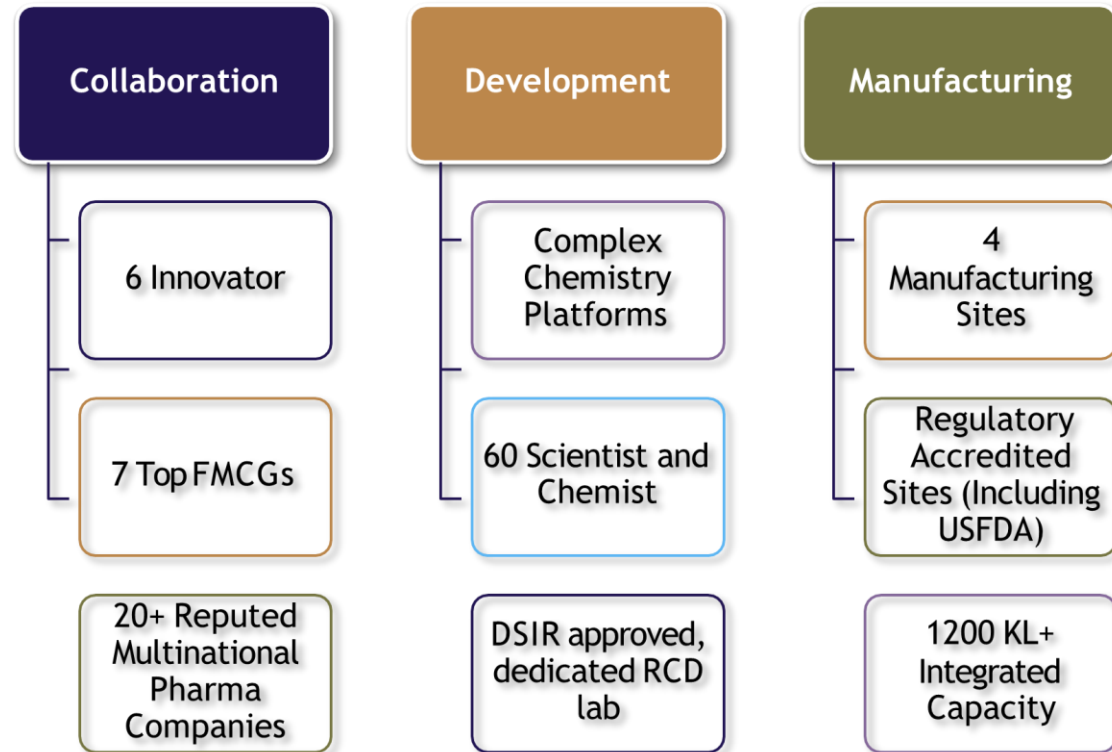
Expansion on-going to increase capacity by 50%

Our Compliances



Our Customer First Culture underpins everything we do

Blue Jet Healthcare has **evolved**
with a Customer Oriented
mindset, focused on providing
tailor-made services with an
approach of **Collaboration,**
Development and Manufacturing



Blue Jet Healthcare Ltd.: Product List: Pharma Intermediates

S.N	Name of Product	CAS NO	End Use
1	TosMIC	36635-61-7	Pilocarpine, Rachelmycin, Bempedoic acid, Esaxerenone, Merimepodib, Fenpiclonil, Fludioxonil, Agro use
2	Methyl Anthranilate	134-20-3	Ambroxol, Bromhexine, Piroxicam, Flavoring, Agro
3	1,4-Butane Sultone*	1633-83-6	Excipient, Indocyanine green, Telechelic PBT ionomers
4	3,5-Dinitrobenzotrifluoride*	401-66-0	Nilotinib, Radotinib
5	4-Fluro-1,2-Phenylenediamine*	367-31-7	Chidamide, Tucidinostat, Unesbulin
6	4-Sulfobenzoic acid potassium salt (PSBA)*	5366-63-3	Probenecid
7	n-Propyl sulfamide*	147662-41-2	Macitentan
8	Trans pyridyl acrylic acid*	16337-67-4	Chidamide
6	Vanillic Acid*	121-34-6	Opicapone, Etamivan, Brovanexine, Zardaverine, Vanillin, Flavoring agent
10	Vanillin acetate*	881-68-5	Copanlisib, Apaziquone, Flavoring agent
11	Indole-3-acetic acid *	87-51-4	Catharanthine, Indomethacin, Ivacaftor, Agro
12	2-Carbomethoxy Benzene Sulphonamide*	57683-71-3	Flutriafol, Tolbutamide, Saccharin, Agro
13	3,4 - Ethylene dioxy thiophene (EDOT)*	126213-50-1	Electronics as Poly EDOT
14	P-Carboxy benzene sulfonamide*	138-41-0	Probencid, Agro
15	2,4-Diamino 6-Chloro Pyrimidine*	156-83-2	Minoxidil, Carprazidil
16	Ibanic Acid*	3543-72-4	Ibandronate Sodium
17	4-Chloro-4-Fluorobutyrophenone	3874-54-2	Lumateperone, Primaperone, Fluanisone, Droperidol, Moperone
18	Thymine*	65-71-4	Telbivudine, Censavudine
16	Ethyl 3-Phenoxypropionate*	22406-61-2	Nefazodone
20	Ortho Sulfo Benzoic Anhydride*	81-08-3	Plastic Additive, Tolbutamide, Phenol Red, Saccharin, Agro
21	Methyl (2S)-2-acetamido-3-chloropropanoate*	18635-38-6	Ramipril
<i>#Note: This list is not to be construed as a representation of non-infringement or as an offer to sell in those countries where such would constitute an infringement of third parties' patent rights. Products under patent are offered for R & D purpose only. However, the final responsibility lies exclusively with the buyer.</i>			
*Campaign & Developed; Under Development			

Blue Jet Healthcare Ltd.: Product List based on protected amino acids (Developed)#

S.N	Name of Product	CAS NO	End Use
1	L-Alanine methyl ester HCl	2461-20-5	Orforoglipron, Thymectacin, Levofloxacin, Darolutamide, Safinamide, Ralfinamide, Delgocitinib
2	L-Valine methyl ester HCl	6306-52-1	Ritonavir, Valsartan
3	L-Proline methyl ester HCl	2133-40-6	Ambrisentan, Coblopassvir
4	L-Serine Methyl Ester HCl	5680-80-8	Ramipril
5	Z-L-Valine	1146-26-4	Valacyclovir, Valganciclovir, F 573, Valbenazine
6	N-BOC-D-Serine	6368-20-3	Lacosamide, Nastorazepide, MK677 (Ibutamoren)
7	N-Boc-L-Alanine	15761-38-3	Enalapril, Trandolapril, Denibulin, Acalisib, Semagacestat, Somatostatin, Numidargistat
8	N-Boc-L-proline	15761-36-4	Saralasin, Atosiban, Eptifibatide, Nafarelin, Ravidasvir, Daclatasvir, Nafarelin, Daclatasvir, Ganirelix, Afamelanotide, Bivalirudin, Apimostinel
6	N-Boc-4-oxo-proline	84348-37-8	Gasogliptin
10	N-BOC-L-Prolinamide	35150-07-3	Vildagliptin, Pibrentasvir
11	L-prolinamide	7531-52-4	Anagliptin, Vildagliptin, FE-666011, NVP-DPP-728, Alpelisib, Protirelin
12	(S)-1-(2-Chloroacetyl)pyrrolidine-2 carbonitrile	207557-35-5	Anagliptin, Vildagliptin, NVP-DPP-728
13	N-[(2'-Cyanobiphenyl-4-yl)methyl]-(L)- valine methyl ester HCl	482577-56-3	Valsartan
14	Trans-methyl 4-aminocyclohexane- carboxylate HCl	61367-07-5	Chidamide, Revumenib, Glimepiride
15	N-BOC-L-Alanine methyl ester	28875-17-4	Orforoglipron
16	N-Boc-L-Alaninol	76066-13-6	Orforoglipron, Darolutamide
17	N-BOC-L-Valine	13734-41-3	Valavcyclovir, Valganciclovir, Lanreotide, Talabostat, Valopicitabine, Afamelanotide, Valiltramiprosate
18	Fmoc-Aib-OH	64744-50-0	Semaglutide, Tirzepatide
16	Fmoc-L-Val-OH	68858-20-8	Tirzepatide, Liraglutide, Semaglutide, Valnivudine, Lanreotide,, Afamelanotide, Romidepsin, Duocarmazine, Vicatertide
20	Fmoc-Gly-OH	26022-11-5	Tirzepatide, Semaglutide, Terlipressin, Atosiban, Afamelanotide

Blue Jet Healthcare Ltd.: Product List based on protected amino acids (Developed)#

S.N	Name of Product	CAS NO	End Use
21	Fmoc-L-Ile-OH	71686-23-6	Tirzepatide, Atosiban, Liraglutide, Carbetocin, Teduglutide, Semaglutide
22	Fmoc-L-Leu-OH	35661-60-0	Tirzepatide, Semaglutide, Leurubicin, Liraglutide, Carbetocin, Teduglutide, Degarelix, MVT-602, Vicatertide
23	Fmoc-L-Phe-OH	35661-40-6	Tirzepatide, Terlipressin, Octreotide, Liraglutide, Teduglutide, Sincalide, Pasireotide
24	Fmoc-L-Ala-OH.H2O	207261-76-7	Tirzepatide, Semaglutide, Nociceptin, Linaclotide, Teduglutide, Liraglutide
25	Fmoc-L-Pro-OH.H2O	71686-31-6	Tirzepatide, Motixafortide, Afamelanotide, Degarelix, Terlipressin , Atosiban, Icatibant
26	Carsalam(Carbonyl salicylamide)	2037-65-8	Semaglutide/ SNAC/Salcaprozic acid
27	Methyl (2S)-2-acetamido-3-chloropropanoate	18635-38-6	Ramipril
28	(Methyl 2-acetamido-3-(2-oxo cyclopentyl) propionate)	87266-85-0	Ramipril
26	(+/-)Octahydrocyclopenta[b]pyrrole-2-carboxylic acid HCl	63776-30-7	Ramipril
30	[(2RS,3aRS,6aRS)-Benzyl octahydro-cyclopenta[b]pyrrole-2-carboxylate HCl (Racemic)	1042674-26-	Ramipril
31	(2S,3aS,6aS)-Benzyl octahydrocyclopenta[b]pyrrole-2-carboxylate HCl	87266-87-2	Ramipril
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Blue Jet Healthcare Ltd.: Product List based on protected amino acids (Under Development)#

S.N	Name of Product	CAS NO	End Use
1	Ethyl 8-Bromooctanoate	26823-21-0	SNAC, Salcaprozic acid
2	(R)-2-Methylpyrrolidine-2-carboxylic acid (De Mepro)	63366-77-6	Veliparib
3	(S)-2-Methylpyrrolidine-2-carboxylic acid HCl (MePro)	1508261-86-6	Nemorexant, Daridorexant, Pimavanserine, Trofinetide
4	Salcaprozate sodium (SNAC)	203787-61-1	Semaglutide
5	(+)-Z-D-Proline	6404-31-5	Eletriptan, Miboplatin
6	Z-Pro-Pro-OH	7360-23-8	Peptide synthesis
7	Z-L-alanyl-L-proline	21027-01-0	Peptide synthesis
8	Z-D-Serine	6081-61-4	Lacosamide
6	Fmoc-AEEA-OH	166108-71-0	Tirzepatide, Semaglutide, Pegulicianine
10	Fmoc-Gly-Pro-OH	212651-48-4	Peptide synthesis
11	Fmoc-arg(pbf)-OH	154445-77-6	Bremelanotide, Motixafortide, Teduglutide, Icatibant, Pegulicianine
12	Fmoc-L-Asp(OtBu)-OH	71686-14-5	Tirzepatide, Eptifibatide, Liraglutide, Exenatide, Teduglutide, Sincalide
13	Fmoc-Gln-OH	71686-20-3	Protected Amino acid
14	Fmoc-L-Gln(Trt)-OH	132327-80-1	Liraglutide, Exenatide, Carbetocin, Tirzepatide, Teduglutide, Nociceptin, Terlipressin
15	Fmoc-Glu-OH	121343-82-6	Protected Amino acid
16	Fmoc-L-Glu-OtBu	84763-07-7	Tirzepatide, Semaglutide
17	Fmoc-L-Glu(OtBu)-OH.H2O	204251-24-1	Tirzepatide
18	Fmoc-L-Trp(Boc)-OH	143824-78-6	Tirzepatide, Bremelanotide, Liraglutide, Teduglutide, Afamelanotide
16	FMOC-Lys-OH HCl	136263-23-0	Protected Amino acid
20	Fmoc-L-Lys(Boc)-OH	71686-26-6	Tirzepatide, Terlipressin, Lanreotide, Octreotide, Exenatide, Afamelanotide, Degarelix, Zosurabalpin, Pasireotide
21	Fmoc-L-Lys(Mtt)-OH	167363-62-6	Tirzepatide

Blue Jet Healthcare Ltd.: Product List based on protected amino acids (Under Development)#

S.N	Name of Product	CAS NO	End Use
22	Fmoc-L-Ser(tBu)-OH	71686-33-8	Tirzepatide, Liraglutide, Exenatide, Icatibant, Afamelanotide, Teduglutide, Degarelix
23	Fmoc-L-Thr(tBu)-OH	71686-35-0	Tirzepatide, Lanreotide, Octreotide, Atosiban, Liraglutide, Exenatide, Teduglutide
24	Fmoc-Tyr-OH	62654-60-0	Protected Amino acid
25	Fmoc-(α -Me-Leu)-OH	312624-65-0	Protected Amino acid
26	Fmoc-L-Tyr(tBu)-OH	71686-38-3	Motixafortide, Terlipressin, Lanreotide, Liraglutide, Linaclotide, Afamelanotide, Semaglutide, Tirzepatide
27	Fmoc-Asp(OAl)-OH	146682-24-3	Tirzepatide
28	Fmoc-Cys(Trt)-OH	103213-32-7	Motixafortide, Eptifibatide, Lanreotide, Octreotide, Atosiban, Romidepsin, Linaclotide,
26	Fmoc-Ala-Thr(Ψ Me,MePro)-OH	252554-76-3	Peptide Synthesis
30	Fmoc-Gly-Ser(Ψ (Me,Me)pro)-OH	1065652-22-6	Peptide Synthesis
31	Fmoc-Gly-Thr(Ψ (Me,Me)pro)-OH	1262308-46-5	Peptide Synthesis
32	Fmoc-Ser(tBu)-Ser(Ψ (Me,Me)pro)-OH	1000164-43-1	Peptide Synthesis
33	H-Ser(tB)-NH ₂ ·HCl	323587-47-6	Peptide synthesis
34	H-Ser(t-Bu)-Ser(t-Bu)-Gly-OH		Peptide Synthesis
35	H-Lys(Z)-Ome HCl	27864-50-4	Peptide Synthesis
36	H-Glu(-Glu(OBzl)-OMe)-Ome HCl	144051-38-7	Peptide Synthesis
37	Boc-Gly-OH	4530-20-5	Ketoprofen, Sodium hyaluronate
38	Boc Phenyl Alanine	13734-34-4	Protected Amino acid
39	Boc Leucine	13136-15-6	Protected Amino acid
40	N-Boc-L-tert-Leucine	62665-35-6	Vedroprevir, Asunaprevir, Telaprevir, Nirmatrelvir
41	N-Methoxycarbonyl-L-Tert-Leucine (MOC-L-T-Leu)	162537-11-3	Atazanavir

Blue Jet Healthcare Ltd.: Product List based on protected amino acids (Under Development)#

S.N	Name of Product	CAS NO	End Use
42	Boc-His-OH	17761-52-5	Protected Amino acid
43	Boc-his(trt)-OH	32626-43-5	Bremelanotide, Liraglutide, Semaglutide
44	N-BOC-2-Methyl-L-Proline	103336-06-7	Nemorexant, Daridorexant
45	2-Methyl-L-Proline Methyl Ester	220060-08-2	Daridorexant
46	Boc-L-Tyr(tBu)-OH	47375-34-8	Tirzepatide
47	Boc-Gly-Gly-Phe-Gly-OH	187764-46-6	Tetrapeptide Linker for ADC
48	tBuO-Ste-Glu(AEEA-AEEA-OH)-OtBu	1118767-16-0	Semaglutide (linker)
46	20-(tert-Butoxy)-20-oxoicosanoic acid	683236-16-6	Linker for ADCs
50	L-Glutamine Methyl ester.HCl	32668-14-7	Protected Amino acid
51	L-Tryptophane Methyl ester.HCl	7524-52-6	Protected Amino acid
52	L-Isoleucine Methyl ester.HCl	18568-74-8	Protected Amino acid
53	L-Glycine methyl ester.HCl	5680-76-5	Protected Amino acid
54	Boc-NH-(PEG)-COOH DCHA or 2-[2-(Boc-amino)-ethoxy]ethoxy acetic acid dicyclohexylamine salt	560088-76-1	Peptide Synthesis
55	N-succinimidyl 6-maleimide hexanoate (SMPH)	55750-63-5	Linker
56	Cycloserine	68-41-7	Neutraceuticals, Terizidone
57	L-Glutathione	70-18-8	Neutraceuticals, Darinaparsin

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Thank You