

	Product Name	CAS No.	
Sr.No.	Semaglutide Intermediate		Scale
	Raw materials of Semaglutide		
1	Octadecanedioic acid	871-70-5	large scale
2	Boc-AEEA	108466-89-3	100kg/batch
3	AEEA	134978-97-5	large scale
4	AEEA.HCL	134979-01-4	180kg/batch
5	Fmoc-AEEA	166108-71-0	160kg/batch
6	AEEA-AEEA	1143516-05-5	80kg/batch
7	Fmoc-AEEA-AEEA	560088-89-3	large scale
8	L-Glu-OtBu	45120-30-7	100kg/batch
9	OCTADECANEDIOIC ACID MONO-TERT-BUTYL ESTER	843666-40-0	55kg/batch
10	FMOC-LYS-OH HCL	139262-23-0	large scale
	Semaglutide side chain		
11	Fmoc-L-Lys[Oct-(otBu)-Glu-(otBu)-AEEA-AEEA]-OH	1662688-20-1	60kg/batch
12	tBuO-Ste-Glu(AEEA-AEEA-OH) -OtBu	1118767-16-0	40kg/batch
13	Ste-Glu-AEEA-AEEA-OSU	1169630-40-3	10kg/batch
14	tBuO-Ste-Glu(OtBu)-AEEA-AEEA-OSU	1118767-15-9	10kg/batch
	Semaglutide Dipeptide		
15	Boc-L-His(Trt)-Aib-OH	2061897-68-3	80kg/batch
16	Boc-His(Boc)-Aib-OH	1169630-98-1	20kg/batch
17	Fmoc-His-Aib-OH.TFA	1446013-08-6	20kg/batch
18	Fmoc-Thr(tBu)-Phe-OH	NA	30kg/batch
19	Fmoc-Glu(OtBu)-Gly-OH	866044-63-5	10kg/batch
	Semaglutide Tetrapetide		
20	Boc-His(trt)-Aib-Glu(OtBu)-Gly-OH	1890228-73-5	80kg/batch
	Tirzepatide intermediates		
	Raw materials of Tirzepatide		
21	Eicosanedioicacid	2424-92-2	400kg/batch
22	20-(tert-Butoxy)-20-oxoicosanoic acid	683239-16-9	95kg/batch
23	AEEA-AEEA	1143516-05-5	80kg/batch
24	L-Glu-OtBu	45120-30-7	100kg/batch
25	C20-OtBu-Glu-OtBu	1119061-70-9	100kg/batch
	Tirzepatide side chain		
26	Fmoc-L-Lys[C20-OtBu-Glu(OtBu)-AEEA-AEEA]-OH	2915356-76-0	60kg/batch
27	C20-OtBu-Glu(OtBu)-AEEA-AEEA-OH	1188328-37-1	60kg/batch
28	C20-OtBu-Glu(OtBu)-AEEA-AEEA-OSU	NA	10kg/batch
29	C20-Glu-AEEA-AEEA-OSU	1188328-38-2	10kg/batch
	Tirzepatide Dipeptide		
30	Boc-Tyr(tBu)-Aib-OH	2639221-78-4	80kg/batch
31	Fmoc-Ile-Aib-OH	2171139-20-9	50kg/batch
	Tirzepatide Tetrapetide		
32	Boc-Tyr(tBu)-Aib-Glu(OtBu)-Gly-OH	2682040-93-1	80kg/batch
	Liraglutide intermediate		
33	Pal-Glu(OH)-OtBu	536721-25-2	50kg/batch
34	Pal-Glu(OSU)-OH	294855-91-7	large scale
35	Fmoc-Lys(Pal-Glu-OtBu)-OH	1491158-62-3	130kg/batch

36	Pal-Glu(OSU)-OtBu	204521-63-1	large scale
	Liraglutide Tetrapeptide		
37	Boc-His(Trt)-Ala-Glu(OtBu)-Gly-OH	NA	50kg/batch
	Long chain fatty acid		
38	16-(tert-Butoxy)-16-oxohexadecanoic acid	843666-27-3	50kg/batch
39	Octadecanedioic acid,1-(1,1-dimethylethyl) ester	843666-40-0	55kg/batch
40	20-(tert-butoxy)-20-oxoicosanoic acid	683239-16-9	95kg/batch
	Advanced excipients Series		
41	SNAC	203787-91-1	40kg/batch
	Pseudodipeptide		
42	Fmoc-Tyr(tBu)-Ser(Psi(Me,Me)Pro)-OH	878797-09-2	20kg/batch
43	Fmoc-Ser(tBu)-Ser(Psi(Me,Me)Pro)-OH	1000164-43-1	lab scale
44	Fmoc-Ala-Ser(Psi(Me,Me)Pro)-OH	252554-78-2	lab scale
45	Fmoc-Gly-Ser(Psi(Me,Me)Pro)-OH	1095952-22-9	lab scale
46	Fmoc-Ile-Ser(Psi(Me,Me)Pro)-OH	1147996-34-6	lab scale
47	Fmoc-Val-Ser(Psi(Me,Me)Pro)-OH	186023-49-4	lab scale
48	Fmoc-Asp(OtBu)-Ser(Psi(Me,Me)Pro)-OH	955048-92-7	lab scale
49	Fmoc-Ala-Thr(Psi(Me,Me)Pro)-OH	252554-79-3	lab scale
50	Fmoc-Gly-Thr(Psi(Me,Me)Pro)-OH	1262308-49-5	15kg/batch
51	Fmoc-Asn(Trt)-Thr(Psi(Me,Me)Pro)-OH	957780-59-5	lab scale
52	Fmoc-Asn(Trt)-Ser(Psi(Me,Me)Pro)-OH	920519-33-1	lab scale
53	Fmoc-Leu-Ser(Psi(Me,Me)Pro)-OH	339531-50-9	lab scale
	Short Peptide		
54	Boc-Tyr(tBu)-Aib-Gln(Trt)-Gly-OH	NA	6kg/batch
55	Boc-His(Trt)-Aib-Gln(Trt)-Gly-OH	NA	10kg/batch
56	Boc-His(Trt)-Gly-Asp(OtBu)-Gly-OH	NA	50kg/batch
57	Fmoc-Ser(tbu)-Gly-Gly-Gly-Gly-OH	NA	lab scale
58	Z-Aib-Glu(otbu)-Gly-OH	NA	50kg/batch
59	Fmoc-Asn(Trt)-Asp(Otbu)-Glu(Otbu)-OH	NA	50kg/batch
60	H-Thr(Tbu)-Lys(Boc)-ile-Thr(Tbu)-Asp(Otbu)-OH	NA	lab scale
61	H-Gly-Ala-Ala-OH	NA	lab scale
62	Fmoc-Pro-Pro-OH	129223-22-9	60kg/batch
63	Fmoc-Glu(OtBu)-Gly-OH	866044-63-5	10kg/batch
64	Fmoc-Thr(tBu)-Phe-OH	NA	50kg/batch
65	Fmoc-Ser(tbu)-Gly-OH	81672-17-5	20kg/batch
66	Fmoc-Gly-Gly-Gly-OH	170941-79-4	lab scale
67	Fmoc-Gln(Trt)-Aib-OH	NA	lab scale
68	Fmoc-Val-Gly-OH	142810-19-3	10kg/batch
69	Fmoc-Glu(OtBu)-Phe-OH	1122076-55-4	10kg/batch
70	Fmoc-Gln(Trt)-Gly-OH	NA	10kg/batch
71	Fmoc-Ala-Gly-OH	116747-54-7	10kg/batch
72	Fmoc-Val-Glu(OtBu)-OH	NA	20kg/batch
73	Fmoc-Ile-Gly-OH	142810-18-2	lab scale
74	Fmoc-Ser(tBu)-Gly-OH	81672-17-5	20kg/batch
75	Fmoc-Pro-Gly-OH	250695-65-9	10kg/batch
76	Fmoc-Phe-Thr-OH	87720-57-8	50kg/batch
77	Fmoc-His(Trt)-Aib-OH	NA	lab scale
78	Fmoc-Thr(tBu)-Gly-OH	1456878-79-7	10kg/batch
79	Fmoc-His(Trt)-Gly-OH	1428125-83-0	5kg/batch
80	Boc-His(Boc)-Aib-OH	1169630-98-1	20kg/batch
81	Boc-Tyr(tBu)-Aib-OH	2639221-78-4	lab scale
82	Boc-His(Trt)-Gly-OH	1428125-85-2	5kg/batch
83	Boc-His(Trt)-Ala-OH	NA	lab scale

84	Ac-Pro-Pro-OH	202470-30-2	60kg/batch
85	Tyr(Bzl)-Leu-OBzl.HCl	NA	60kg/batch
86	H-Gly-Leu-OH	869-19-2	lab scale
87	Fmoc-Gly-Arg(Pbf)-OH	NA	20kg/batch
88	Fmoc-Ala-Aib-OH	107076-70-0	5kg/batch
89	Fmoc-Val-Cit-OH	159858-21-6	lab scale
90	Fmoc-Ser(tBu)-Ser(OtBu)-OH	NA	10kg/batch
91	MC-Val-Cit-PAB	NA	5kg/batch
92	Boc-His(Trt)-Asp(OtBu)-Gly-OH	NA	20kg/batch
93	Fmoc-Val-Cit-PAB	NA	lab scale
94	Cbz-Glu(OtBu)-Gly-OEt	NA	50kg/batch
	Un-natural amino acid		
95	trans-4-Hydroxy-D-proline	3398-22-9	70kg/batch
96	Methyl 1-Cbz-azetidine-3-carboxylate	757239-60-4	5kg/batch
97	1-(BENZYLOXYCARBONYL) AZETIDINE-3-CARBOXYLIC ACID	97628-92-7	6kg/batch
98	azetidin-3-ylmethanol hydrochloride	928038-44-2	9kg/batch
99	H-CIS-HYP-OME HCL	40126-30-5	lab scale
100	Fmoc- α -Me-D-Orn(Boc)-OH	171860-40-5	5kg/batch
101	3-((((9H-Fluoren-9-yl)methoxy)carbonyl)amino)oxetane-3-carboxylic acid	1380327-56-9	lab scale
102	(2S)-2-ethyl-2-([[(9H-fluoren-9-yl)methoxy]carbonyl]amino)-4-methylpentanoic acid	1934266-50-8	lab scale
103	Fmoc-Ile- α -Me-Leu-OH	NA	lab scale
104	Fmoc-Ac5C-NMeCycopentylGly-OH	NA	lab scale
105	Fmoc- α -methyl-L-leu-OH	312624-65-0	lab scale

Sr.No.	Name	CAS No.	Scale
1	Fmoc-NH-PEG1-CH ₂ COOH	260367-12-2	10kg/batch
2	Fmoc-NH-PEG2-CH ₂ COOH/Fmoc-AEEA-OH	166108-71-0	160kg/batch
3	Fmoc-NH-PEG3-CH ₂ COOH	139338-72-0	10kg/batch
4	Fmoc-NH-PEG4-CH ₂ COOH	437655-95-3	10kg/batch
5	Fmoc-NH-PEG5-CH ₂ COOH	635287-26-2	10kg/batch
6	Fmoc-NH-PEG6-CH ₂ COOH	437655-96-4	10kg/batch
7	Fmoc-NH-PEG8-CH ₂ COOH	868594-52-9	10kg/batch
8	Fmoc-NH-PEG10-CH ₂ COOH	2375105-88-5	10kg/batch
9	Fmoc-NH-PEG11-CH ₂ COOH	2629308-66-1	10kg/batch
10	Fmoc-NH-PEG1-CH ₂ CH ₂ COOH	1654740-73-4	10kg/batch
11	Fmoc-NH-PEG2-CH ₂ CH ₂ COOH	872679-70-4	10kg/batch
12	Fmoc-NH-PEG3-CH ₂ CH ₂ COOH	867062-95-1	10kg/batch
13	Fmoc-NH-PEG4-CH ₂ CH ₂ COOH	557756-85-1	10kg/batch
14	Fmoc-NH-PEG5-CH ₂ CH ₂ COOH	882847-32-7	10kg/batch
15	Fmoc-NH-PEG6-CH ₂ CH ₂ COOH	882847-34-9	10kg/batch
16	Fmoc-NH-PEG7-CH ₂ CH ₂ COOH	1863885-74-8	10kg/batch
17	Fmoc-NH-PEG8-CH ₂ CH ₂ COOH	756526-02-0	10kg/batch
18	Fmoc-NH-PEG9-CH ₂ CH ₂ COOH	1191064-81-9	10kg/batch
19	Fmoc-NH-PEG10-CH ₂ CH ₂ COOH	2101563-45-3	10kg/batch
20	Fmoc-NH-PEG12-CH ₂ CH ₂ COOH	1952360-91-6	40kg/batch
21	Fmoc-NH-PEG12-CH ₂ CH ₂ COONHS	2227246-92-4	10kg/batch
22	Fmoc-NH-PEG24-CH ₂ CH ₂ COOH	2170484-59-8	10kg/batch
23	Fmoc-NMe-PEG4-CH ₂ CH ₂ COOH	2170240-98-7	10kg/batch
24	Fmoc-NH-PEG2-CH ₂ CH ₂ NH ₂	444727-01-9	10kg/batch
25	Fmoc-NH-PEG3-NH ₂	NA	10kg/batch
26	Fmoc-NH-PEG4-NHS	1314378-14-7	10kg/batch
27	Fmoc-NH-PEG4-NH ₂ .HCl	NA	10kg/batch
28	Fmoc-NH-PEG8-NH ₂ .HCl	NA	10kg/batch
29	Fmoc-NH-PEG8-NHS	1334170-03-4	10kg/batch
30	Boc-NH-PEG1-CH ₂ COOH	142929-49-5	10kg/batch
31	Boc-NH-PEG2-CH ₂ COOH	108466-89-3	10kg/batch
32	Boc-NH-PEG3-CH ₂ COOH	462100-06-7	10kg/batch
33	Boc-NH-PEG4-CH ₂ COOH	876345-13-0	10kg/batch
34	Boc-NH-PEG5-CH ₂ COOH	890152-41-7	10kg/batch
35	Boc-NH-PEG10-CH ₂ COOH	NA	10kg/batch
36	Boc-NH-PEG11-CH ₂ COOH	NA	10kg/batch
37	Boc-NH-PEG12-CH ₂ COOH	NA	10kg/batch
38	Boc-NH-PEG1-CH ₂ CH ₂ COOH	1260092-44-1	10kg/batch
39	Boc-NH-PEG2-CH ₂ CH ₂ COOH	1365655-91-9	10kg/batch
40	Boc-NH-PEG3-CH ₂ CH ₂ COOH	1347750-75-7	10kg/batch
41	Boc-NH-PEG4-CH ₂ CH ₂ COOH	756525-91-4	10kg/batch

42	Boc-NH-PEG5-CH ₂ CH ₂ COOH	1347750-78-0	10kg/batch
43	Boc-NH-PEG6-CH ₂ CH ₂ COOH	882847-13-4	10kg/batch
44	Boc-NH-PEG8-CH ₂ CH ₂ COOH	1334169-93-5	10kg/batch
45	Boc-NH-PEG10-CH ₂ CH ₂ COOH	2410598-01-3	10kg/batch
46	Boc-NH-PEG12-CH ₂ CH ₂ COOH	1415981-79-1	10kg/batch
47	Boc-HNO-PEG2-CH ₂ CH ₂ NH ₂	252378-69-1	10kg/batch
48	Boc-NH-PEG6-CH ₂ CH ₂ NH ₂	1091627-77-8	10kg/batch
49	Boc-NH-PEG7-CH ₂ CH ₂ NH ₂	206265-98-7	10kg/batch
50	Boc-NH-PEG9-CH ₂ CH ₂ NH ₂	890091-43-7	10kg/batch
51	Boc-NH-PEG3-Br	165963-71-3	10kg/batch
52	Boc-NH-PEG4-NH ₂	101187-40-0	10kg/batch
53	Boc-NH-PEG5-NH ₂	811442-84-9	10kg/batch
54	Boc-NH-PEG2-OH	139115-91-6	10kg/batch
55	Boc-NH-PEG3-OH	139115-92-7	10kg/batch
56	Boc-NH-PEG4-OH	106984-09-2	10kg/batch
57	Boc-NH-PEG5-OH	1404111-67-6	10kg/batch
58	Boc-NH-PEG7-OH	1292268-13-3	10kg/batch
59	Boc-NH-PEG11-OH	1556847-53-0	10kg/batch
60	Cbz-NH-PEG2-CH ₂ COOH	165454-06-8	10kg/batch
61	Cbz-NH-PEG3-CH ₂ COOH	462100-05-6	10kg/batch
62	Cbz-NH-PEG2-CH ₂ CH ₂ COOH	1347750-76-8	10kg/batch
63	Cbz-NH-PEG3-CH ₂ CH ₂ COOH	1310327-18-4	10kg/batch
64	Cbz-NH-PEG5-CH ₂ CH ₂ COOH	1347750-74-6	10kg/batch
65	Cbz-NH-PEG8-CH ₂ CH ₂ COOH	1334177-87-5	10kg/batch
66	Cbz-NH-PEG2-CH ₂ CH ₂ COONHS	2203140-35-4	10kg/batch
67	HO-PEG4-NH ₂	86770-74-3	10kg/batch
68	Mal-PEG1-CH ₂ CH ₂ COOH	760952-64-5	10kg/batch
69	Mal-PEG2-CH ₂ CH ₂ COOH	756525-98-1	10kg/batch
70	Mal-PEG2-NHS ester	955094-26-5	10kg/batch
71	Mal-NH-PEG4-CH ₂ CH ₂ COONHS	756525-99-2	10kg/batch
72	Mal-PEG6-NHS ester	1137109-21-7	10kg/batch
73	Mal-PEG8-NHS ester	756525-93-6	10kg/batch
74	Mal-NH-PEG4-CH ₂ CH ₂ COOH	1263045-16-4	10kg/batch
75	Mal-NH-PEG8-CH ₂ CH ₂ COOH	1334177-86-4	10kg/batch
76	Mal-PEG6-NHS ester	1599472-25-9	10kg/batch
77	Mal-PEG8-NHS ester	2055033-05-9	10kg/batch
78	Mal-amido-PEG9-CH ₂ CH ₂ COOH	2112731-43-6	10kg/batch
79	Mal-amido-PEG7-acid	2112731-42-5	10kg/batch
80	Mal-PEG6-Acid	518044-42-3	10kg/batch
81	mPEG10-CH ₂ COOH	908258-58-2	10kg/batch
82	m-PEG4-NHS ester	622405-78-1	10kg/batch
83	mPEG12-CH ₂ CH ₂ COOH	2170098-33-4	10kg/batch

84	mPEG12-OH	2050595-03-2	10kg/batch
85	H2N-PEG2-CH2COOH (AEEA)	134978-97-5	10kg/batch
86	H2N-PEG2-CH2CH2COOtBu	756525-95-8	10kg/batch
87	H2N-PEG4-CH2CH2COOtBu	581065-95-4	10kg/batch
88	H2N-PEG6-CH2CH2COOtBu	1286281-32-0	10kg/batch
89	H2N-PEG7-CH2CH2COOtBu	2428400-07-9	10kg/batch
90	H2N-PEG8-CH2CH2COOtBu	756526-06-4	10kg/batch
91	H2N-PEG9-CH2CH2COOtBu	1818294-44-8	10kg/batch
92	H2N-PEG24-CH2CH2COOtBu	2170987-96-7	10kg/batch
93	H2N-PEG3-CH2CH2COOH	784105-33-5	10kg/batch
94	H2N-PEG4-CH2CH2COOH	663921-15-1	10kg/batch
95	H2N-PEG8-CH2CH2COOH	756526-04-2	10kg/batch
96	H2N-PEG6-CH2CH2COOH	905954-28-1	10kg/batch
97	H2N-PEG11-CH2CH2COOH	1616426-12-0	10kg/batch
98	H2N-PEG13-CH2CH2COOH	NA	10kg/batch
99	H2N-PEG24-CH2CH2COOH	2563873-76-5	10kg/batch
100	H2N-PEG2-CH2COOtBu	1122484-77-8	10kg/batch
101	H2N-PEG5-CH2COOtBu	2231845-67-1	10kg/batch
102	H2N-PEG7-CH2COOH	177580-10-8	10kg/batch
103	H2N-PEG3-OH	6338-55-2	10kg/batch
104	H2N-PEG12-OH	1345681-71-1	10kg/batch
105	H2N-PEG2-CH2COOH.HCl(AEEA HCL)	134979-01-4	10kg/batch
106	Bn-PEG4-CH2CH2COOH	NA	10kg/batch
107	Bn-PEG5-CH2CH2COOH	NA	10kg/batch
108	Bn-PEG6-CH2CH2COOH	NA	10kg/batch
109	Bn-PEG7-CH2CH2COOH	NA	10kg/batch
110	Bn-PEG8-CH2CH2COOH	NA	10kg/batch
111	Bn-PEG9-CH2CH2COOH	NA	10kg/batch
112	Bn-PEG10-CH2CH2COOH	NA	10kg/batch
113	Bn-PEG11-CH2CH2COOH	NA	10kg/batch
114	Bn-PEG12-CH2CH2COOH	NA	10kg/batch