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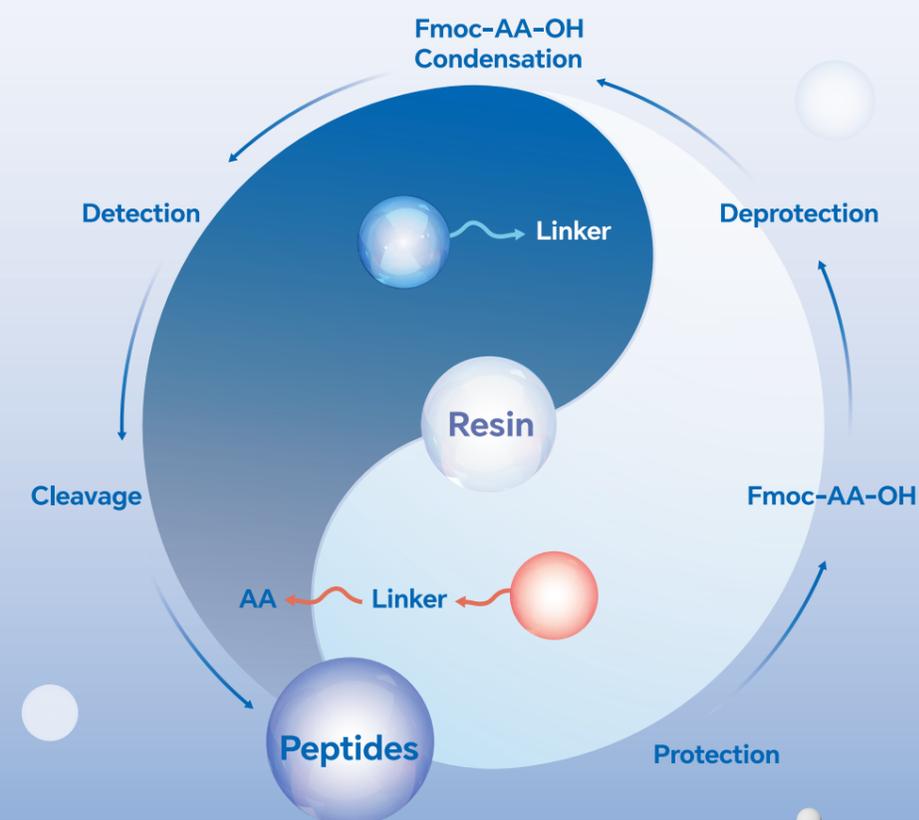


BLD Website QR



Peptide Chemistry

Peptides are compounds composed of amino acids, and BLDpharm offers over **6,500** amino acid products in stock. Many peptide-based drugs and skincare products have been developed and successfully applied. SPPS, with its unique advantages, has become one of the core methods to synthesis peptides. BLDpharm provides over **8,000** of high quality amino acids, peptides, resins, and helper reagents, including condensation reagents, amino acid protecting reagents, and detection reagents to meet different applications and R&D needs. Let's discover the miracle of life and unlock the power of peptides!



- ◆ Amino Acids
- ◆ Resins
- ◆ Amino Acid Protecting Reagents
- ◆ Deprotection Reagents
- ◆ Peptides
- ◆ Condensation Reagents
- ◆ Detection Reagents
- ◆ Cleavage Reagents



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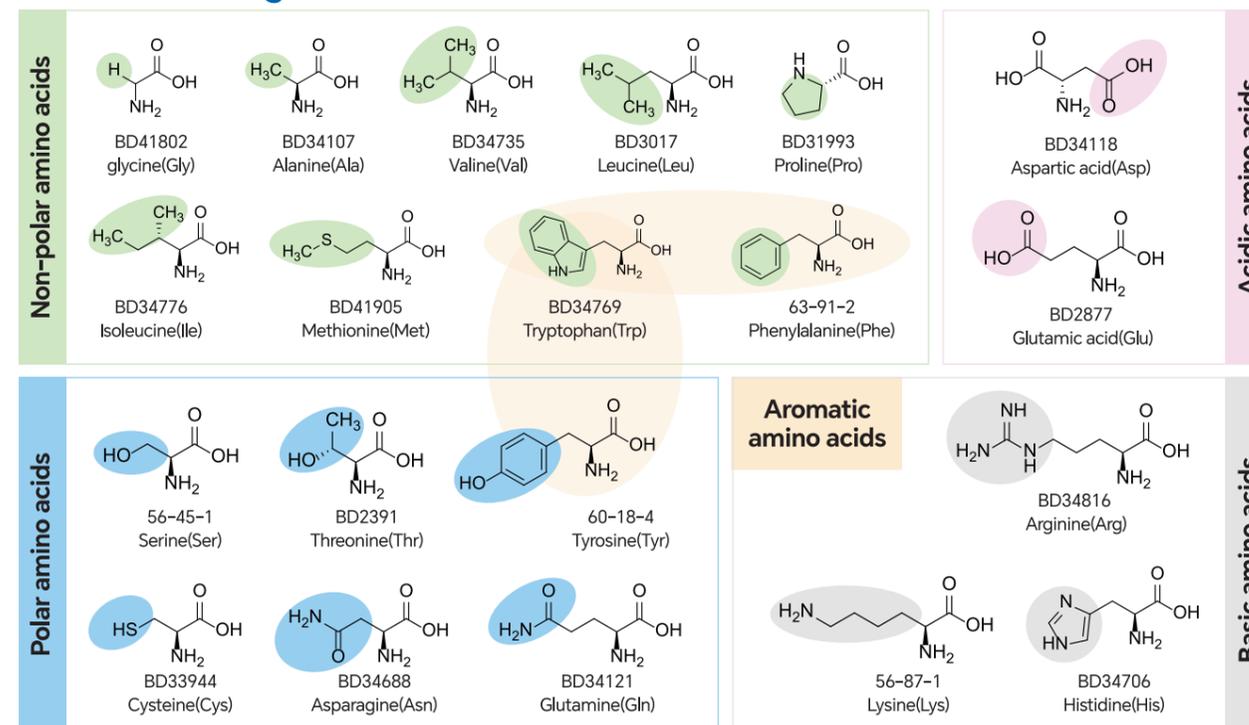
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1. Amino Acids & Derivatives

Amino acids and their derivatives serve as the fundamental building blocks for peptide construction and design, with their structural features directly influencing peptide conformation, stability, and solubility. During peptide research and development, the rational selection of natural and non-natural amino acids, stereochemical variants, and protecting groups enables effective control of molecular properties and functions at an early stage of synthesis.

1.1 Natural Amino Acids & Derivatives

1.1.1 Proteinogenic Amino Acids



1.1.2 Protected Amino Acids

BD	CAS	Name	Category
BD00834062	207291-76-7	Fmoc-Ala-OH H ₂ O	Fmoc-Ala
BD8597	35661-39-3	Fmoc-Ala-OH	Fmoc-Ala
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BD130893	103321-50-2	Fmoc-Ala-Cl	Fmoc-Ala
BD8599	68858-20-8	Fmoc-Val-OH	Fmoc-Val
BD131317	103321-53-5	Fmoc-Val-Cl	Fmoc-Val
BD131452	130878-68-1	Fmoc-Val-OSu	Fmoc-Val
BD131451	86060-87-9	Fmoc-Val-OPfp	Fmoc-Val
BD243110	141743-13-7	Fmoc-N-Bzl-Gly-OH	Fmoc-Gly
BD17603	113484-74-5	Fmoc-Gly-OSu	Fmoc-Gly
BD131399	101214-43-1	Fmoc-Phe-OSu	Fmoc-Phe
BD8605	35661-40-6	Fmoc-Phe-OH	Fmoc-Phe
BD131285	76542-83-1	Fmoc-Leu-OSu	Fmoc-Leu
BD8598	35661-60-0	Fmoc-Leu-OH	Fmoc-Leu

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BD131406	109074-94-4	Fmoc-Pro-OSu	Fmoc-Pro
BD8606	71989-31-6	Fmoc-Pro-OH	Fmoc-Pro
BD8611	71989-38-3	Fmoc-Tyr(tBu)-OH	Fmoc-Tyr
BD19096	191348-16-0	Fmoc-Tyr(HPO ₃ Bzl)-OH	Fmoc-Tyr
BD131448	106864-37-3	Fmoc-Tyr(SO ₃ H)-OH · sodium salt	Fmoc-Tyr
BD1650	92954-90-0	Fmoc-Tyr-OH	Fmoc-Tyr
BD18099	134150-51-9	Fmoc-Tyr(PO ₃ Bzl ₂)-OH	Fmoc-Tyr
BD22567	77128-72-4	Fmoc-Tyr(Me)-OH	Fmoc-Tyr
BD18443	147762-53-6	Fmoc-Tyr(H ₂ PO ₃)-OH	Fmoc-Tyr
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BD8609	143824-78-6	Fmoc-Trp(Boc)-OH	Fmoc-Trp
BD01393897	1629658-33-8	Fmoc-Trp(N-CH ₂ COOtBu)-OH	Fmoc-Trp
BD8610	35737-15-6	Fmoc-Trp-OH	Fmoc-Trp
BD18529	152338-45-9	Fmoc-Trp(For)-OH	Fmoc-Trp
BD8592	71989-18-9	Fmoc-Glu(OtBu)-OH	Fmoc-Glu
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BD42402	145038-49-9	Fmoc-Glu-OMe	Fmoc-Glu
BD131180	101214-22-6	Fmoc-Glu(OtBu)-OSu	Fmoc-Glu
BD1678	84793-07-7	Fmoc-Glu-OtBu	Fmoc-Glu
BD252021	200616-39-3	Fmoc-Glu(O-2-PhiPr)-OH	Fmoc-Glu
BD212745	268730-86-5	Fmoc-Glu(ODmab)-OH	Fmoc-Glu
BD316550	185031-78-1	Fmoc-Asn(Xan)-OH	Fmoc-Asn
BD8578	132388-59-1	Fmoc-Asn(Trt)-OH	Fmoc-Asn
BD1007	71989-16-7	Fmoc-Asn-OH	Fmoc-Asn
BD00780631	149204-93-3	Fmoc-Asn(Me)-OH	Fmoc-Asn
BD01440076	1446478-17-6	Fmoc-Gln(Me)-OH	Fmoc-Gln
BD8590	71989-20-3	Fmoc-Gln-OH	Fmoc-Gln
BD01295262	1146118-59-3	Fmoc-Gln(Me,Me)-OH	Fmoc-Gln
BD8589	132327-80-1	Fmoc-Gln(Trt)-OH	Fmoc-Gln
BD131327	132990-14-8	Fmoc-Lys(Fmoc)-OPfp	Fmoc-Lys
BD01297568	479081-06-6	Fmoc-Lys(DOTA)-OH	Fmoc-Lys
BD210790	951695-85-5	Fmoc-Lys(Me,Boc)-OH	Fmoc-Lys
BD9243	146982-27-6	Fmoc-Lys(Alloc)-OH	Fmoc-Lys
BD18233	139262-23-0	Fmoc-Lys-OH · HCl	Fmoc-Lys
BD182316	252049-10-8	Fmoc-Lys(Me) ₂ -OH · HCl	Fmoc-Lys
BD32586	204777-78-6	Fmoc-Lys(ivDde)-OH	Fmoc-Lys
BD18787	167393-62-6	Fmoc-Lys(Mtt)-OH	Fmoc-Lys
BD18659	159766-56-0	Fmoc-Lys(Ac)-OH	Fmoc-Lys
BD8601	71989-26-9	Fmoc-Lys(Boc)-OH	Fmoc-Lys
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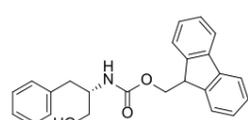
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BD198786	823780-66-1	Fmoc-Arg(Me, Me)-OH	Fmoc-Arg
BD1400	91000-69-0	Fmoc-Arg-OH	Fmoc-Arg
BD182326	268564-10-9	Fmoc-Arg(Me) ₂ -OH	Fmoc-Arg
BD130901	148893-34-9	Fmoc-Arg(Alloc) ₂ -OH	Fmoc-Arg
BD212741	1135616-49-7	Fmoc-Arg(Me,Pbf)-OH	Fmoc-Arg
BD8577	154445-77-9	Fmoc-Arg(Pbf)-OH	Fmoc-Arg
BD130902	143824-77-5	Fmoc-Arg(Boc) ₂ -OH	Fmoc-Arg
BD00923100	1185841-84-2	Fmoc-Arg(Di-Me,Pbf)-OH	Fmoc-Arg
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BD317097	252049-16-4	Fmoc-His(3-Me)-OH	Fmoc-His
BD1833	81379-52-4	Fmoc-His(Boc)-OH	Fmoc-His
BD30378	116611-64-4	Fmoc-His-OH	Fmoc-His
BD555704	751470-47-0	Fmoc-Cysteic acid	Fmoc-Cys
BD22434	73724-43-3	Fmoc-Cys(StBu)-OH	Fmoc-Cys
BD8585	103213-32-7	Fmoc-Cys(Trt)-OH	Fmoc-Cys
BD00817504	1403834-74-1	Fmoc-Cys(STmp)-OH	Fmoc-Cys
BD1373	86060-81-3	Fmoc-Cys(Acm)-OH	Fmoc-Cys
BD251612	269067-38-1	Fmoc-Cys(Mtt)-OH	Fmoc-Cys
BD238587	135248-89-4	Fmoc-Cys-OH	Fmoc-Cys
BD32325	177582-21-7	Fmoc-Cys(Mmt)-OH	Fmoc-Cys
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BD32182	163437-14-7	Fmoc-Met(O ₂)-OH	Fmoc-Met
BD01121125	118358-38-6	Fmoc-Ser(β-D-Glc(Ac) ₄)-OH	Fmoc-Ser
BD18628	158171-14-3	Fmoc-Ser(HPO ₃ Bzl)-OH	Fmoc-Ser
BD17517	111061-56-4	Fmoc-Ser(Trt)-OH	Fmoc-Ser
BD232820	73724-46-6	Fmoc-Ser-OBzl	Fmoc-Ser
BD16864	73724-45-5	Fmoc-Ser-OH	Fmoc-Ser
BD143189	110797-35-8	Fmoc-Ser-OtBu	Fmoc-Ser
BD9237	83792-48-7	Fmoc-Ser(Bzl)-OH	Fmoc-Ser
BD8607	71989-33-8	Fmoc-Ser(tBu)-OH	Fmoc-Ser
BD8608	71989-35-0	Fmoc-Thr(tBu)-OH	Fmoc-Thr
BD241039	928063-81-4	Fmoc-Thr(Me)-OH	Fmoc-Thr
BD1830	117872-75-0	Fmoc-Thr(Bzl)-OH	Fmoc-Thr
BD18901	175291-56-2	Fmoc-Thr(HPO ₃ Bzl)-OH	Fmoc-Thr
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BD225145	73724-48-8	Fmoc-Thr-OBzl	Fmoc-Thr
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BD18380	145038-52-4	Fmoc-Asp-OMe	Fmoc-Asp
BD01852678	1799418-06-6	Fmoc-Asp(OBno)-OH	Fmoc-Asp
BD18424	146982-24-3	Fmoc-Asp(OAll)-OH	Fmoc-Asp
BD221282	145038-53-5	Fmoc-Asp(OMe)-OH	Fmoc-Asp
BD1585	129460-09-9	Fmoc-Asp-OtBu	Fmoc-Asp
BD130919	200336-86-3	Fmoc-Asp(O-2-PhiPr)-OH	Fmoc-Asp
BD165746	76315-01-0	Boc-N-Bzl-Gly-OH	Boc-Gly
BD152685	14719-37-0	Boc-Gly-OEt	Boc-Gly
BD118333	149794-10-5	Boc-N-Et-Gly-OH	Boc-Gly
BD18619	15761-38-3	Boc-Ala-OH	Boc-Ala
BD20307	3392-05-0	Boc-Ala-OSu	Boc-Ala
BD19990	28875-17-4	Boc-Ala-OMe	Boc-Ala
BD8540	13734-41-3	Boc-Val-OH	Boc-Val
BD34183	58561-04-9	Boc-Val-OMe	Boc-Val
BD105491	3392-12-9	Boc-Val-OSu	Boc-Val
BD01260272	13139-15-6	Boc-Leu-OH	Boc-Leu
BD8523	200936-87-4	Boc-Leu-OH · H ₂ O	Boc-Leu
BD317083	204138-23-8	Boc-Ile hemihydrate	Boc-Ile
BD18006	13139-16-7	Boc-Ile-OH	Boc-Ile
BD34254	59936-29-7	Boc-Pro-OMe	Boc-Pro
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BD8539	3978-80-1	Boc-Tyr-OH	Boc-Tyr
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BD18181	13726-84-6	Boc-Glu(OtBu)-OH	Boc-Glu
BD8909	30924-93-7	Boc-Glu-OBzl	Boc-Glu
BD8514	13574-13-5	Boc-Glu(OBzl)-OH	Boc-Glu
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BD8518	24277-39-2	Boc-Glu-OtBu	Boc-Glu
BD213070	132388-68-2	Boc-Asn(Trt)-OH	Boc-Asn
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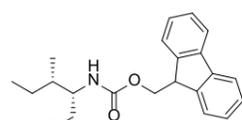
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BD240483	7750-45-0	Boc-Lys-OtBu · HCl	Boc-Lys
BD8525	2389-45-9	Boc-Lys(Cbz)-OH	Boc-Lys
BD00851049	862847-44-7	Boc-Lys(ivDde)-OH	Boc-Lys
BD118309	34404-36-9	Boc-Lys(Z)-OSu	Boc-Lys
BD9250	84624-27-1	Boc-Lys(Fmoc)-OH	Boc-Lys
BD19656	2483-46-7	Boc-Lys(Boc)-OH	Boc-Lys
BD00756610	108787-91-3	Boc-Arg(Boc) ₂ -OH(symmetrical)	Boc-Arg
BD18180	13726-76-6	Boc-Arg-OH	Boc-Arg
BD117766	97745-69-2	Boc-Arg(Boc) ₂ -OH	Boc-Arg
BD19198	200124-22-7	Boc-Arg(Pbf)-OH	Boc-Arg
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BD21126	51293-47-1	Boc-Ser(Me)-OH	Boc-Ser
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BD8535	2592-18-9	Boc-Thr-OH	Boc-Thr
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BD120199	5680-83-1	Cbz-Gly-OH Hydrazide	Cbz-Gly
BD218188	1145-81-9	Cbz-Gly-OEt	Cbz-Gly
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BD20172	3160-59-6	Cbz-Ile-OH	Cbz-Ile
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BD143860	5211-23-4	Cbz-Pro-OMe	Cbz-Pro
BD8558	1148-11-4	Cbz-Pro-OH	Cbz-Pro
BD8557	1161-13-3	Cbz-Phe-OH	Cbz-Phe
BD157464	3397-32-8	Cbz-Phe-OSu	Cbz-Phe
BD8562	1164-16-5	Cbz-Tyr-OH	Cbz-Tyr
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BD8543	2304-96-3	Cbz-Asn-OH	Cbz-Asn
BD157016	2650-67-1	Cbz-Gln-OMe	Cbz-Gln
BD19448	2212-75-1	Cbz-Lys-OH	Cbz-Lys
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BD18488	14997-58-1	Cbz-His-OH	Cbz-His
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BD30295	1145-80-8	Cbz-Ser-OH	Cbz-Ser
BD517989	16966-09-9	Cbz-Thr(tBu)-OH	Cbz-Thr
BD8561	19728-63-3	Cbz-Thr-OH	Cbz-Thr
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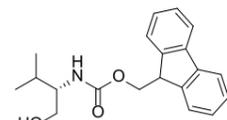
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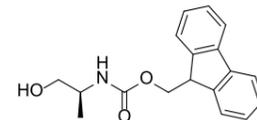
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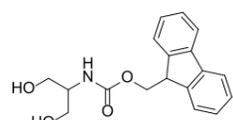
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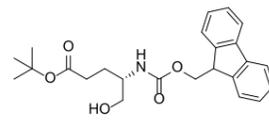
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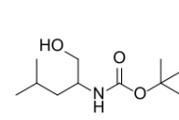
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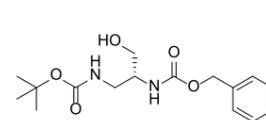
BD628564
154928-40-2
Fmoc-Serinol



BD130829
153815-59-9
Fmoc-Glu(OtBu)-ol

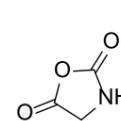


BD18296
142121-48-0
Boc-DL-Leucinol

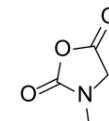


BD300024
412015-69-1
Cbz-D-Dap(Boc)-ol

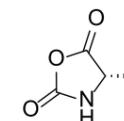
1.1.4 Amino-NCA



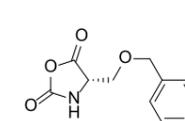
BD67914
2185-00-4
Gly-NCA



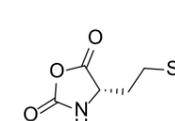
BD40521
5840-76-6
Sar-NCA



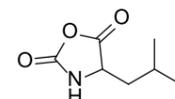
BD49053
2224-52-4
L-Ala-NCA



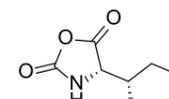
BD01141351
3309-57-7
L-Ser(Bn)-NCA



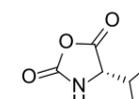
BD00960485
15776-11-1
L-Met-NCA



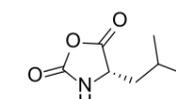
BD273106
51248-35-2
DL-Leu-NCA



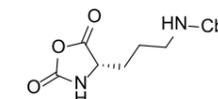
BD01134542
45895-90-7
L-Ile-NCA



BD49045
24601-74-9
L-Val-NCA



BD48111
3190-70-3
L-Leu-NCA



BD02336868
13296-21-4
Orn(Cbz)-NCA

1.2 Unnatural Amino Acids

1.2.1 Backbone Modified Amino Acids

BD	CAS	Name	Category
BD17352	103478-63-3	Fmoc-N-Me-D-Leu-OH	N-Me AA
BD01063062	162545-29-1	Fmoc-N-EtGly-OH	N-Me AA
BD131341	84000-14-6	Fmoc-N-Me-Ser(Bzl)-OH	N-Me AA
BD628565	291311-48-3	Fmoc-N-Me-Ser-OH	N-Me AA
BD295448	1793105-27-7	Fmoc-N-Me-D-Lys(Boc)-OH	N-Me AA
BD295452	1210833-53-6	Fmoc-N-Me-D-Ser(tBu)-OH	N-Me AA
BD00966257	187475-29-2	Fmoc-N-Me-L-CycloPentylGly-OH	N-Me AA
BD265931	944797-51-7	Fmoc-N-Me-Cys(Trt)-OH	N-Me AA
BD00799950	1446478-16-5	Fmoc-N-Et-Phe-OH	N-Me AA
BD240018	252049-06-2	Fmoc-N-Me-Thr-OH	N-Me AA
BD01171500	1173996-67-2	Fmoc-N-Me-Lys(ivDde)-OH	N-Me AA
BD295445	1799443-40-5	Fmoc-D-N-Me-Asp(OtBu)-OH	N-Me AA
BD00805113	2138482-09-2	Fmoc-N-Me-3-(2-Naphthyl)-Ala-OH	N-Me AA
BD01307069	1446478-22-3	Fmoc-N-Me-Ala(4-Thz)-OH	N-Me AA
BD00772282	925240-97-7	Fmoc-N-Me-(S)-Gly(CHX)-OH	N-Me AA
BD131111	138775-05-0	Fmoc-N-Me-D-Phe-OH	N-Me AA
BD379880	193086-28-1	Fmoc-N-Me-D-Phe(4-OMe)-OH	N-Me AA
BD629478	2044710-58-7	Fmoc-N-Me-Asp(OMe)-OH	N-Me AA
BD17678	117106-20-4	Fmoc-N-Me-Thr(tBu)-OH	N-Me AA
BD131372	133373-24-7	Fmoc-N-Me-Tyr(tBu)-OH	N-Me AA
BD629561	1632075-13-8	Fmoc-N-Me-Gln(Trt)-OH	N-Me AA
BD19156	197632-77-2	Fmoc-N-Me-Ser(tBu)-OH	N-Me AA
BD9032	84000-07-7	Fmoc-N-Me-Ala-OH	N-Me AA
BD1769	200616-40-6	Fmoc-N-Me-Glu(OtBu)-OH	N-Me AA

BD	CAS	Name	Category
BD131367	197632-76-1	Fmoc-N-Me-Lys(Boc)-OH	N-Me AA
BD18220	138775-22-1	Fmoc-N-Me-Ile-OH	N-Me AA
BD131348	197632-75-0	Fmoc-N-Me-Trp(Boc)-OH	N-Me AA
BD589941	1260595-45-6	Fmoc-N-Me-Tyr(Me)-OH	N-Me AA
BD629562	2044710-89-4	Fmoc-N-Me-D-Gln(Trt)-OH	N-Me AA
BD00813608	1310575-53-1	Fmoc-N-Me-Abu-OH	N-Me AA
BD629521	1793105-28-8	Fmoc-N-Me-Orn(Boc)-OH	N-Me AA
BD223858	1217840-61-3	Fmoc-N-Me-His(Trt)-OH	N-Me AA
BD17351	103478-62-2	Fmoc-N-Me-Leu-OH	N-Me AA
BD295450	252049-05-1	Fmoc-N-Me-Nva-OH	N-Me AA
BD295456	148983-03-3	Fmoc-N-Me-Cha-OH	N-Me AA
BD00783542	882183-85-9	Fmoc-N-Me-β-HomoAla-OH	N-Me AA
BD01306275	1357308-53-2	Fmoc-N-Me-β-tBu-L-Ala-OH	N-Me AA
BD00829685	1349807-46-0	Fmoc-D-N-Me-Cys(Trt)-OH	N-Me AA
BD629472	2044710-57-6	Fmoc-N-Me-D-Arg(Pbf)-OH	N-Me AA
BD01052989	1700368-07-5	1-[Fmoc-(methylamino)cyclobutanecarboxylic acid	N-Me AA
BD261491	269078-75-3	Fmoc-γ-Leu-OH	Gamma AA
BD304396	269078-74-2	Fmoc-γ-Phe-OH	Gamma AA
BD94109	13031-60-2	H-γ-Abu-OMe.HCl	Gamma AA
BD01307600	1803241-11-3	Fmoc-(R)-γ-allyl-L-Pro-OH	Gamma AA
BD30385	116821-47-7	Fmoc-GABA-OH	Gamma AA
BD299981	149303-38-8	Fmoc-β-Ala-OPfp	Beta AA
BD130942	501015-30-1	Fmoc-L-β-Phe(4-OMe)-OH	Beta AA
BD19432	219967-69-8	Fmoc-β-HoTyr(tBu)-OH	Beta AA
BD80410	171778-06-6	Fmoc-3-amino-3-(2-nitro-penyl)-propionic acid	Beta AA
BD18857	172695-33-9	Fmoc-β-HoVal-OH	Beta AA
BD302597	401915-53-5	Fmoc-β-HoArg(Pbf)-OH	Beta AA
BD316276	193693-66-2	Fmoc-L-β-Pro-OH	Beta AA
BD19257	203854-51-7	Fmoc-β-HoSer(tBu)-OH	Beta AA
BD1728	268734-29-8	Fmoc-D-β-HoPhe(2-Cl)-OH	Beta AA
BD244634	1018899-99-4	Fmoc-(R)-2-(Aminomethyl)-4-methylpentanoic acid	Beta AA
BD318578	266318-79-0	Fmoc-D-β-HoVal-OH	Beta AA
BD19120	193693-60-6	Fmoc-β-HoPro-OH	Beta AA
BD19255	203854-47-1	Fmoc-β-HoLys(Boc)-OH	Beta AA
BD1727	270062-86-7	Fmoc-L-β-HomoPhe(4-Br)-OH	Beta AA
BD293475	209252-17-5	Fmoc-β-HoAsp(OtBu)-OH	Beta AA
BD19951	283160-20-3	Fmoc-L-β-Homo-Asn(Trt)-OH	Beta AA
BD629394	1409939-21-4	Boc-D-Dbu(Fmoc)-OH	Beta AA
BD19321	209252-15-3	Fmoc-D-β-Phe-OH	Beta AA
BD131275	353245-98-4	Fmoc-β-HoTrp-OH	Beta AA
BD19127	193954-26-6	Fmoc-β-HoAla-OH	Beta AA
BD19129	193954-28-8	Fmoc-β-HoPhe-OH	Beta AA
BD131055	201864-71-3	Fmoc-D-β-HomoAla-OH	Beta AA

BD	CAS	Name	Category
BD244650	501331-02-8	Fmoc-(R)-2-(Aminomethyl)-3-methylbutanoic acid	Beta AA
BD244625	203854-62-0	Fmoc-(S)-3-amino-2-benzylpropanoic acid	Beta AA
BD1922	269398-91-6	Fmoc-D-β-HomoAla(2-naphthyl)-OH	Beta AA
BD130930	133565-45-4	Fmoc-Asp(OtBu)-ol	Beta AA
BD330700	193693-65-1	Fmoc-D-β-Pro-OH	Beta AA
BD19128	193954-27-7	Fmoc-β-Holle-OH	Beta AA
BD131056	193693-61-7	Fmoc-D-β-HomoPro-OH	Beta AA
BD19124	193887-44-4	Fmoc-β-HoLeu-OH	Beta AA
BD41464	219967-74-5	Fmoc-β-Nva(5-phenyl)-OH	Beta AA
BD768143	247217-28-3	Fmoc-β-Glu-OH	Beta AA
BD19437	220497-68-7	Fmoc-L-β-Phe(4-Br)-OH	Beta AA
BD307805	283160-18-9	Fmoc-L-β-Homo-Asn-OH	Beta AA
BD130789	501015-25-4	Fmoc-L-β-Phe(4-NO ₂)-OH	Beta AA
BD130780	507472-06-2	Fmoc-L-β-Ala-(3'-pyridyl)-OH	Beta AA
BD130706	511272-35-8	Fmoc-D-β-Phe(3-OH)-OH	Beta AA
BD130689	511272-37-0	Fmoc-D-β-Phe(2,4-DiCl)-OH	Beta AA
BD130710	511272-43-8	Fmoc-D-β-Ala-(3'-pyridyl)-OH	Beta AA
BD130696	511272-48-3	Fmoc-D-β-Ala-(2-naphthyl)-OH	Beta AA
BD244627	828254-16-6	Fmoc-(R)-3-Amino-2-benzylpropanoic acid	Beta AA
BD1798	270065-78-6	Fmoc-(S)-3-Amino-4-(3-trifluoromethyl-phenyl)-butyric acid	Beta AA
BD316308	269078-76-4	Fmoc-DL-β-Phe(4-Br)-OH	Beta AA
BD01812687	646068-80-6	Fmoc-β-HomoCys(Trt)-OH	Beta AA
BD304875	357271-55-7	Fmoc-β-HoTrp(Boc)-OH	Beta AA
BD48784	401915-55-7	Fmoc-β-HoGln(Trt)-OH	Beta AA
BD291892	857478-30-9	Fmoc-IsoVal-OH	Alpha-alkylated
BD01433473	2679950-52-6	Fmoc-α-Me-Gln(Trt)-OH	Alpha-alkylated
BD450082	167275-47-0	Fmoc-α-Me-Pro-OH	Alpha-alkylated
BD00797093	1286768-33-9	Fmoc-α-Me-D-Pro-OH	Alpha-alkylated
BD130899	135944-05-7	Fmoc-α-Me-Phe-OH	Alpha-alkylated
BD00793592	914399-96-5	Fmoc-α-Me-D-Ser(tBu)-OH	Alpha-alkylated
BD01110600	725728-43-8	Fmoc-α-Me-Cys(Trt)-OH	Alpha-alkylated
BD328505	1072845-47-6	Fmoc-α-Me-Asp(OtBu)-OH	Alpha-alkylated
BD291895	207117-28-0	Fmoc-α-Me-Ser-OH	Alpha-alkylated
BD01203122	1934266-55-3	Fmoc-α-Me-(S)-3-cyclohexylalanine	Alpha-alkylated
BD305160	1315449-98-9	Fmoc-α-Me-Trp(Boc)-OH	Alpha-alkylated
BD01201333	2124196-75-2	Fmoc-2-Me-Ile-OH	Alpha-alkylated
BD01418686	2124196-74-1	Fmoc-α-Me-L-Arg(Pbf)-OH	Alpha-alkylated
BD256904	1202003-49-3	Fmoc-α-Me-Lys(Boc)-OH	Alpha-alkylated
BD328510	1403590-49-7	Fmoc-α-Me-Asn-OH	Alpha-alkylated
BD01220309	881921-10-4	Fmoc-α-Me-L-Nva-OH	Alpha-alkylated
BD01309491	1072845-48-7	Fmoc-α-Me-Glu(OtBu)-OH	Alpha-alkylated
BD130830	169566-81-8	Fmoc-α-Me-Val-OH	Alpha-alkylated
BD1357	101555-63-9	Fmoc-D-HomoPro-OH	Homo-natural AA

BD	CAS	Name	Category
BD00847934	1864003-26-8	Fmoc-HomoArg(Et) ₂ -OH.HCl	Homo-natural AA
BD450084	526210-71-9	Fmoc-L-N-Me-hCys(Trt)-OH	Homo-natural AA
BD39287	204320-60-5	Fmoc-D-HoLeu-OH	Homo-natural AA
BD131205	198560-10-0	Fmoc-L-hTyr-OH	Homo-natural AA
BD00793947	1260616-12-3	Fmoc-HoPhe(3,4-DiCl)-OH	Homo-natural AA
BD18149	135944-09-1	Fmoc-D-HoPhe-OH	Homo-natural AA
BD01199990	281655-70-7	Fmoc-L-hLys(Alloc)-OH	Homo-natural AA
BD00809231	1260587-49-2	Fmoc-3-Cl-HoPhe-OH	Homo-natural AA
BD131288	180414-94-2	Fmoc-HoLeu-OH	Homo-natural AA
BD1743	132684-59-4	Fmoc-HoPhe-OH	Homo-natural AA
BD01405692	1821774-68-8	Fmoc-L-hSer(Ph)-OH	Homo-natural AA
BD131287	194718-17-7	Fmoc-HoLys(Boc)-OH	Homo-natural AA
BD00795335	1263046-43-0	Fmoc-HoGln(Trt)-OH	Homo-natural AA
BD00756347	1260610-23-8	Fmoc-HoPhe(3-OMe)-OH	Homo-natural AA
BD01304582	133464-45-6	Fmoc-L-hGlu(All)-OH	Homo-natural AA
BD01142304	1979169-11-3	Fmoc-L-N-Me-hSer(Me)-OH	Homo-natural AA
BD632885	1313054-60-2	Fmoc-D-HoArg(Pbf)-OH	Homo-natural AA
BD00951939	1272755-48-2	Fmoc-D-Hse(Me)-OH	Homo-natural AA
BD00995265	172525-85-8	Fmoc-Hse-OH	Homo-natural AA
BD00825402	1260608-62-5	Fmoc-4-Cl-HoPhe-OH	Homo-natural AA
BD316604	257886-01-4	Fmoc-D-HomoSer(Trt)-OH	Homo-natural AA
BD1358	86069-86-5	Fmoc-HoPro-OH	Homo-natural AA
BD19096	191348-16-0	Fmoc-Tyr(HPO ₃ Bzl)-OH	Phos AA
BD18628	158171-14-3	Fmoc-Ser(HPO ₃ Bzl)-OH	Phos AA
BD18443	147762-53-6	Fmoc-Tyr(H ₂ PO ₃)-OH	Phos AA
BD131251	229180-64-7	Fmoc-L-Phe(4-CH ₂ PO ₃ H ₂)-OH	Phos AA
BD18901	175291-56-2	Fmoc-Thr(HPO ₃ Bzl)-OH	Phos AA
BD305633	160067-63-0	Fmoc-Ser(O-β-D-GlcNAc(OAc) ₃)-OH	Sugar AA
BD130911	131287-39-3	Fmoc-L-Asn(β-D-GlcNAc(Ac) ₃)-OH	Sugar AA
BD01121125	118358-38-6	Fmoc-L-Ser(β-D-Glc(Ac) ₄)-OH	Sugar AA
BD00811373	888725-90-4	Fmoc-D-Aoc(2)-OH	Lipidated AA
BD555671	1219184-45-8	Fmoc-DL-Nle(Me)-OH	Lipidated AA
BD00809699	1197020-22-6	Fmoc-Gly(pentyl)-OH	Lipidated AA
BD243848	193885-59-5	Fmoc-Octyl-Gly-OH	Lipidated AA
BD224807	288617-73-2	Fmoc-2-(4-Pentenyl)-Ala-OH	Alkenyl AA
BD240712	288617-75-4	Fmoc-α-Me-L-Gly(Octenyl)-OH	Alkenyl AA
BD18828	170642-28-1	Fmoc-D-Gly(allyl)-OH	Alkenyl AA
BD289560	1311933-83-1	Fmoc-2-(6'-Heptenyl)-Ala-OH	Alkenyl AA
BD297545	288617-78-7	Fmoc-α-Me-D-Gly(Hexenyl)-OH	Alkenyl AA
BD234530	865352-21-2	Fmoc-D-Homoallylglycine	Alkenyl AA
BD234551	1262886-64-5	Fmoc-Gly(7-octenyl)-OH	Alkenyl AA
BD234528	851909-08-5	Fmoc-HoAllyl-Gly-OH	Alkenyl AA
BD218682	288617-71-0	Fmoc-α-Me-L-Gly(allyl)-OH	Alkenyl AA

BD	CAS	Name	Category
BD226076	288617-77-6	Fmoc-(R)-2-(pentenyl)Ala-OH	Alkenyl AA
BD18417	146549-21-5	Fmoc-Gly(allyl)-OH	Alkenyl AA
BD300106	1251904-51-4	Fmoc-2-(5-Hexenyl)-Gly-OH	Alkenyl AA
BD234526	288617-72-1	Fmoc-α-Me-Gly(Butenyl)-OH	Alkenyl AA
BD290612	1311933-82-0	Fmoc-α-Me-D-Gly(Butenyl)-OH	Alkenyl AA
BD234529	856412-22-1	Fmoc-L-Gly(4-pentenyl)-OH	Alkenyl AA
BD256946	1058705-57-9	Fmoc-2-(6'-Octenyl)-Gly-OH	Alkenyl AA
BD01600914	1631046-97-3	Fmoc-L-α-allylproline	Alkenyl AA
BD01215931	1025434-04-1	Fmoc-Vinyl-Gly-OH	Alkenyl AA
BD130867	87720-55-6	Fmoc-4,5-Dehydro-Leu-OH	Alkenyl AA
BD00819528	1097192-05-6	Fmoc-L-BisHomoPrapargylGly-OH	Azido/Alkynyl AA
BD19439	220497-98-3	Fmoc-D-Pra-OH	Azido/Alkynyl AA
BD290618	1198791-58-0	Fmoc-α-Me-Gly(Propargyl)-OH	Azido/Alkynyl AA
BD01158375	1228049-41-9	N-Fmoc-4-ethynyl-L-phenylalanine	Azido/Alkynyl AA
BD00792498	1097192-06-7	Fmoc-Nle(ethynyl)-OH	Azido/Alkynyl AA
BD00839278	1097192-04-5	Fmoc-Orn(N ₃)-OH	Azido/Alkynyl AA
BD321645	1204595-05-0	Fmoc-Tyr(Propargyl)-OH	Azido/Alkynyl AA
BD00821028	942518-20-9	Fmoc-Dab(N ₃)-OH	Azido/Alkynyl AA
BD00774831	684270-46-0	Fmoc-L-Dap(N ₃)-OH	Azido/Alkynyl AA
BD389507	1033622-38-6	Fmoc-N-(propargyl)-glycine	Azido/Alkynyl AA
BD00824365	942518-21-0	Fmoc-HoGly(Propargyl)-OH	Azido/Alkynyl AA
BD51721	162648-54-6	Fmoc-Ac6c-OH	Alkane AA
BD130838	885951-77-9	Fmoc-Ac4c-OH	Alkane AA
BD131279	220497-61-0	Fmoc-Cpg-OH	Alkane AA
BD01552245	1998613-43-6	(S)-2-(Fmoc-amino)-4-ethyl-hexanoic acid	Alkane AA
BD582121	1310680-47-7	(S)-Fmoc-2-amino-3-ethyl-pentanoic acid	Alkane AA
BD196547	269078-72-0	Fmoc-D-HoCyclohexyl-Ala-OH	Alkane AA
BD31817	135673-97-1	Fmoc-Cha-OH	Alkane AA
BD130953	117322-30-2	Fmoc-Cle-OH	Alkane AA
BD43846	359586-64-4	Fmoc-(1S,2S)-2-aminocyclopentane carboxylic acid	Alkane AA
BD01269509	144207-41-0	Fmoc-Nva(5,5,5-trif)-OH	Alkane AA
BD19371	214750-76-2	Fmoc-Cpa-OH	Alkane AA
BD628250	1391630-31-1	Fmoc-Cyclobutyl-Gly-OH	Alkane AA
BD331925	1263045-62-0	Fmoc-AMCP-OH	Alkane AA
BD48697	276869-41-1	Fmoc-Asu(OtBu)-OH	Alkane AA
BD48696	159751-46-9	Fmoc-L-Apm(OtBu)-OH	Alkane AA
BD130945	478183-63-0	Fmoc-D-β-Cyclobutyl-Ala-OH	Alkane AA
BD295169	329270-51-1	Fmoc-L-2-amino-6-methyl-heptanoic acid	Alkane AA
BD291894	1231709-22-0	Fmoc-D-IsoVal-OH	Alkane AA
BD261494	371770-32-0	Fmoc-Cpa-OH	Alkane AA
BD31948	144701-25-7	Fmoc-D-Cha-OH	Alkane AA
BD18654	159611-02-6	Fmoc-3-(2-Furyl)-Ala-OH	Aryl AA
BD1312	205528-32-1	Fmoc-β-(4-Thiazolyl)-Ala-OH	Aryl AA

BD	CAS	Name	Category
BD1549	142994-45-4	Fmoc-D-3-Pal-OH	Aryl AA
BD19014	185379-40-2	Fmoc-2-Pal-OH	Aryl AA
BD1886	138774-93-3	Fmoc-D-1-Nal-OH	Aryl AA
BD01408585	1821775-88-5	Fmoc-3-(6-OMe-3-Pyridyl)-Ala-OH	Aryl AA
BD00843147	281655-61-6	Fmoc-3-(3-Quinoly)-Ala-OH	Aryl AA
BD00822695	352525-25-8	Fmoc-L-Phe(4-3-Pyridinyl)-OH	Aryl AA
BD18218	138774-94-4	Fmoc-D-2-Nal-OH	Aryl AA
BD02621351	2973753-35-2	Fmoc-L-5-Pal(2-COObu)-OH	Aryl AA
BD19287	205526-38-1	Fmoc-D-Bip(4,4')-OH	Aryl AA
BD1887	96402-49-2	Fmoc-1-Nal-OH	Aryl AA
BD1967	201484-50-6	Fmoc-Ala(3,3-DiPhenyl)-OH	Aryl AA
BD1467	186320-06-9	Fmoc-3-(3-Thienyl)-Ala-OH	Aryl AA
BD768567	214852-56-9	Fmoc-β-(2-Quinoly)-Ala-OH	Aryl AA
BD160258	378247-75-7	Fmoc-ACC-OH	Aryl AA
BD00769005	1260596-73-3	Fmoc-L-Phg(4-Methoxy)-OH	Aryl AA
BD440682	1464137-16-3	Fmoc-D-Glu(Tetrazole)-OH	Aryl AA

2. Reagents for Solid-Phase Peptide Synthesis (SPPS)

Solid-phase peptide synthesis (SPPS) is the most mature and widely applied approach for modern peptide production. Based on a solid support, SPPS enables the efficient construction of complex peptide sequences through stepwise chain elongation.

Throughout this process, peptide assembly proceeds via repeated cycles of coupling, deprotection, cleavage, and analytical monitoring. This section focuses on the key reaction steps of SPPS and introduces the associated reagents that provide essential process support for peptide synthesis.

2.1 Condensation Reagents

BD110262 156311-85-2 AOP	BD16967 128625-52-5 PyBOP	BD18049 132705-51-2 PyBroP	BD18090 133894-48-1 PyCloP	BD256692 153433-21-7 PyOxim
BD21047 50296-37-2 BroP	BD17419 105379-24-6 HBPYU	BD20263 330645-87-9 HCTU	BD18463 148893-10-1 HATU	BD55638 873798-09-5 TATU

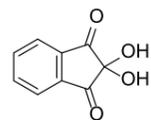
BD23222 94790-37-1 HBTU	BD17881 125700-67-6 TBTU	BD17884 125700-73-4 TNTU	BD17429 105832-38-0 TSTU	BD19825 265651-18-1 HSTU
BD317524 333717-40-1 HOTU	BD41339 161308-40-3 PipCIU	BD127893 137156-41-3 HOCT	BD33959 530-62-1 CDI	BD10757 1892-57-5 EDC

2.2 Amino Acid Protecting Reagents

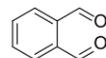
BD1159 23429-44-9	BD34888 76-83-5	BD305871 5672-89-9	BD152077 14464-29-0	BD288250 135544-68-2
BD18005 13139-12-3	BD13842 13139-17-8	BD227516 78269-85-9	BD34796 74124-79-1	BD60458 41864-24-8
BD64161 112160-39-1	BD0248 94142-97-9	BD01104981 172611-72-2	BD41933 6627-89-0	BD736548 16308-68-2
BD124177 31139-36-3	BD19997 28920-43-6	BD9013 82911-69-1	BD131376 82911-71-5	BD632183 1426821-11-5

Other Reagents

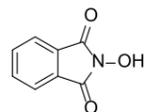
2.3 Detection Reagents



BD52785
485-47-2
Ninhydrin

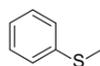


BD21994
643-79-8
Phthalaldehyde

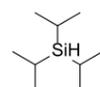


BD144580
524-38-9
NHPH

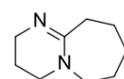
2.4 Cleavage Reagent



BD41099
100-68-5
MPS



BD155373
6485-79-6
TIPS



BD22100
6674-22-2
DBU

2.5 Deprotection Reagent

3. Resins for Solid-Phase Peptide Synthesis (SPPS)

In solid-phase peptide synthesis, resins serve as the physical support on which all reactions take place. Their loading capacity, swelling properties, and linkage chemistry directly influence reaction kinetics and downstream processing efficiency.

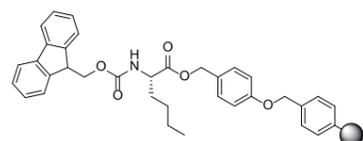
3.1 Preloaded Resins with Amino Acids

Preloaded resins with amino acids eliminate the initial loading step by anchoring the first amino acid onto the resin in advance, thereby simplifying the synthesis workflow.

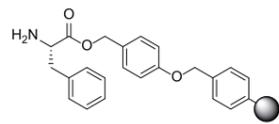
3.1.1 AA-Wang Resins

AA-Wang resins are prepared by preloading specific amino acids onto a Wang resin backbone and are widely used for the synthesis of peptides with a free C-terminal carboxylic acid.

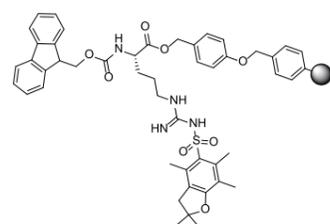
Featuring robust linkage chemistry and well-established cleavage conditions, AA-Wang resins are among the most commonly used preloaded resins in both research-scale and process development applications.



BD01142703
Fmoc-L-Nle-Wang Resin



BD01139007
H-L-Phe-Wang Resin



BD302423
Fmoc-L-Arg(Pbf)-Wang Resin

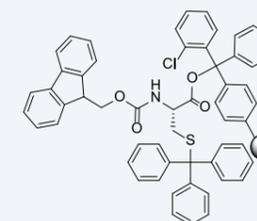
BD	Name	BD	Name
BD302433	Fmoc-L-Cha-Wang Resin	BD302448	Fmoc-L-Leu-Wang Resin
BD302469	Fmoc-L-Ser(Trt)-Wang Resin	BD302429	Fmoc-L-Asp(OAll)-Wang Resin
BD302437	Fmoc-L-Cys(Trt)-Wang Resin	BD302453	Fmoc-L-Lys(Z)-Wang Resin
BD302450	Fmoc-L-Lys(Alloc)-Wang Resin	BD302464	Fmoc-L-Pro-Wang Resin
BD302371	Fmoc-Gly-Wang Resin	BD302451	Fmoc-L-Lys(Boc)-Wang Resin
BD302442	Fmoc-L-Glu(OtBu)-Wang Resin	BD302460	Fmoc-L-Phe(4-NO ₂)-Wang Resin
BD302481	Fmoc-L-Val-Wang Resin	BD01171230	Fmoc-L-Lys(Na)-Wang resin
BD01151788	Fmoc-L-Gln-Wang Resin	BD302440	Fmoc-L-Gln(Trt)-Wang Resin
BD302472	Fmoc-L-Thr-Wang Resin	BD302476	Fmoc-L-Trp-Wang Resin
BD302449	Fmoc-L-Lys-Wang Resin	BD01165909	Fmoc-Sar-Wang Resin
BD302436	Fmoc-L-Cys(Acm)-Wang Resin	BD302428	Fmoc-L-Asp(OtBu)-Wang Resin
BD302417	Fmoc-L-1-Nal-Wang Resin	BD629084	Fmoc-L-Lys(Dde)-Wang Resin
BD302435	Fmoc-L-Cit-Wang Resin	BD302419	Fmoc-L-Ala-Wang Resin
BD01136144	Fmoc-L-Glu(OAll)-Wang Resin	BD302463	Fmoc-L-Pra-Wang Resin
BD302459	Fmoc-L-Phe(4-F)-Wang Resin	BD302557	H-L-Lys(Boc)-Wang Resin

3.1.2 AA-2-Cl-Trt Resins

AA-2-Cl-Trt resins, based on the 2-chlorotrityl linker, enable efficient cleavage of amino acids or peptides under mild acidic conditions.

This property makes them particularly suitable for acid-sensitive sequences or intermediate peptides that require side-chain protecting groups to be retained.

BD	Name
BD302487	H-L-Arg(Pbf)-2-Cl-Trt Resin
BD302540	Fmoc-L-Val-2-Cl-Trt Resin
BD302520	H-L-Phe-2-Cl-Trt Resin
BD302489	Fmoc-L-Arg(Pbf)-2-Cl-Trt Resin
BD302483	H-L-Ala-2-Cl-Trt Resin
BD302505	Fmoc-Gly-2-Cl-Trt Resin
BD302511	Fmoc-L-Leu-2-Cl-Trt Resin



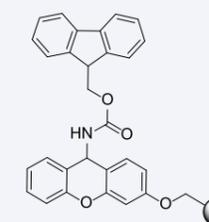
BD629091
Fmoc-L-Cys(Trt)-2-Cl-Trt Resin

3.2 Resins with Linkers

In contrast to preloaded amino acid resins, resins with linkers employ specific linker structures to precisely control the C-terminal functionality and cleavage behavior of the peptide.

These resins are commonly used in peptide syntheses that demand specific C-terminal structures or greater flexibility in molecular design.

BD	CAS	Name
BD302542	934816-82-7	2-CTC Resin
BD01391365	201058-08-4	Wang Resin
BD302415	70024-51-0	Merrifield Resin
BD216754	431041-83-7	Rink Amide MBHA resin
BD148535	89551-24-6	Aminomethyl polystyrene resin



BD302555
Sieber Amide Resin

4. Peptides

The power of peptides lies in their nearly unlimited sequence programmability and finely tuned biological functions.

Driven by rapid advances in synthetic chemistry and biotechnology, peptides have evolved from tools of fundamental research into central engines for drug discovery, diagnostic development, and advanced materials innovation.

4.1 Pseudo-dipeptides

Pseudo-dipeptides are generated through non-natural amino acid substitution or atom replacement within native dipeptide structures.

By preserving key molecular interaction features while enhancing structural stability and biological activity, pseudo-dipeptides serve as a critical starting point for optimizing the pharmacokinetic properties of peptide-based lead compounds, including oral bioavailability and metabolic stability.

BD	CAS	Name	Category
BD299954	1000164-43-1	Fmoc-Ser(tBu)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD628412	1266350-99-5	Fmoc-Ser(tBu)-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD00830368	1196703-48-6	Fmoc-Phe-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD240754	168216-05-5	Fmoc-Val-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300020	339531-50-9	Fmoc-Leu-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300048	878797-09-2	Fmoc-Tyr(tBu)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD299961	1147996-34-6	Fmoc-Ile-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300053	909115-33-9	Fmoc-Glu(tBu)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD628415	1821378-64-6	Fmoc-Gln(Trt)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300059	955048-89-2	Fmoc-Leu-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD628413	957780-54-0	Fmoc-Lys(Boc)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD628416	955048-92-7	Fmoc-Asp(tBu)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300061	957780-59-5	Fmoc-Asn(Trt)-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD00838825	957780-56-2	Fmoc-Glu(tBu)-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300057	920519-33-1	Fmoc-Asn(Trt)-L-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD628414	1572725-72-4	Fmoc-Gln(Trt)-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD628411	1676104-73-6	Fmoc-Thr(tBu)-L-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD291630	1095952-22-9	Fmoc-Gly-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD299966	1262308-49-5	Fmoc-Gly-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300060	957780-52-8	Fmoc-Ile-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300054	911838-56-7	Fmoc-Lys(Boc)-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD300055	920519-31-9	Fmoc-Tyr(tBu)-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD00854518	1425938-63-1	Fmoc-Thr(tBu)-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD01098354	1926163-08-7	Fmoc-Val-CysPsi(Dmp, H)Pro-OH	Pseudo-dipeptides
BD02587790	3048492-92-5	Fmoc-Gly-Gly-SerPsi(Me, Me)Pro-OH	Pseudo-dipeptides
BD02729075	248243-49-4	Fmoc-Pro-ThrPsi(Me, Me)Pro-OH	Pseudo-dipeptides

4.2 Peptide Drug Intermediates

Peptide drug intermediates serve as crucial building blocks in the synthesis of therapeutic peptides and proteins. Designed by advanced solid-phase peptide synthesis (SPPS) or enzyme-catalyzed technologies, these intermediates exhibit high chemical purity, robust structural stability, and low immunogenicity. AmBeed supplies a wide range of high-quality peptide drug intermediates, including semaglutide intermediates, tirzepatide intermediates, and other peptide drug intermediates, to support pharmaceutical research and development.

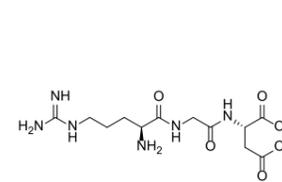
BD	CAS	Name	Category
BD242056	134978-97-5	H-AEEA-OH	General Intermediates
BD251444	108466-89-3	Boc-AEEA-OH	General Intermediates
BD01634716	911102-04-0	Boc-AEEA-OSu	General Intermediates
BD130882	166108-71-0	Fmoc-AEEA-OH	General Intermediates
BD683384	560088-89-3	Fmoc-AEEA-AEEA-OH	General Intermediates
BD683383	1143516-05-5	AEEA-AEEA	General Intermediates
BD01547158	2773558-06-6	AEEA-AEEA-AEEA	General Intermediates
BD01426941	843666-40-0	18-(tert-Butoxy)-18-oxooctadecanoic acid	General Intermediates
BD01417135	683239-16-9	20-(tert-Butoxy)-20-oxoicosanoic acid	General Intermediates
BD01415959	1642333-05-8	22-(tert-Butoxy)-22-oxodocosanoic acid	General Intermediates
BD01416941	1188328-22-4	tBuO-C18-Glu(OtBu)-OSu	Semaglutide Intermediates
BD01195155	1118767-16-0	tBuO-Ste-γ-Glu(AEEA-AEEA-OH)-OtBu	Semaglutide Intermediates
BD01297400	1118767-15-9	tBuO-C18-γ-Glu(AEEA-AEEA-OSu)-OtBu	Semaglutide Intermediates
BD01393810	1662688-20-1	Fmoc-Lys[Oct-OtBu-γ-Glu(OtBu)-AEEA-AEEA]-OH	Semaglutide Intermediates
BD01298013	2061897-68-3	Boc-His(Trt)-Aib-OH	Semaglutide Intermediates
BD01852315	1446013-08-6	Fmoc-His-Aib-OH.TFA	Semaglutide Intermediates
BD01845431	1446013-07-5	Fmoc-His-Aib-OH	Semaglutide Intermediates
BD02563370	1169630-98-1	Boc-His(Boc)-Aib-OH	Semaglutide Intermediates
BD01850443	2765344-17-8	Boc-His(Boc)-Aib-OH	Semaglutide Intermediates
BD13061544	2639465-70-4	Fmoc-His(Fmoc)-Aib-OH	Semaglutide Intermediates
BD628426	866044-63-5	Fmoc-Glu(OtBu)-Gly-OH	Semaglutide Intermediates
BD02824513	2490269-79-7	Fmoc-Glu(OtBu)-Gly-OEt	Semaglutide Intermediates
BD01560581	1890228-73-5	Boc-His(Trt)-Aib-Glu(OtBu)-Gly-OH	Semaglutide Intermediates
BD01339929	1169630-40-3	Ste-γ-Glu-AEEA-AEEA-OSu	Semaglutide Intermediates
BD01418283	1188328-39-3	Octa(OtBu)-Glu-OtBu	Semaglutide Intermediates
BD01395936	1119061-70-9	tBuO-C20-Glu-OtBu	Tirzepatide Intermediates
BD01405479	1119061-72-1	tBuO-C20-Glu(OtBu)-OSu	Tirzepatide Intermediates
BD01408353	1188328-37-1	C20-OtBu-γ-Glu(OtBu)-AEEA-AEEA-OH	Tirzepatide Intermediates
BD02600083	2915356-76-0	Fmoc-Lys[C20-OtBu-γ-Glu(OtBu)-AEEA-AEEA]-OH	Tirzepatide Intermediates
BD01844702	2171139-20-9	Fmoc-Ile-Aib-OH	Tirzepatide Intermediates
BD01105155	81672-17-5	Fmoc-Ser(tBu)-Gly-OH	Tirzepatide Intermediates
BD02726487	2682040-93-1	Boc-Tyr(tBu)-Aib-Glu(OtBu)-Gly-OH	Tirzepatide Intermediates
BD13061545	/	Fmoc-Pro-Ser(tBu)-Ser(tBu)-Gly-OH	Tirzepatide Intermediates
BD02798753	3083958-49-7	Fmoc-Ile-Aib-leu-OH	Tirzepatide Intermediates
BD02802690	2915356-38-4	Fmoc-Ile-Aib-Leu-Asp(OtBu)-OH	Tirzepatide Intermediates
BD02799965	2612237-97-3	Fmoc-Lys[C20-OtBu-γ-Glu(OtBu)-AEEA]-OH	Retatrutide Intermediates

BD	CAS	Name	Category
BD02798523	2645421-68-5	tBuO-C20-γ-Glu(AEEA)-OtBu	Retatrutide Intermediates
BD02796740	2612237-79-1	Boc-Tyr(tBu)-Aib-Gln(Trt)-Gly-OH	Retatrutide Intermediates
BD02789493	/	Fmoc-Glu(OtBu)-Gly-Gly-OH	Retatrutide Intermediates
BD13061546	/	Fmoc-Ile-α-Me-Leu-Leu-OH	Retatrutide Intermediates
BD02777493	/	Fmoc-Gln(Trt)-Aib-OH	Retatrutide Intermediates
BD13061547	/	Fmoc-Gln(Trt)-Aib-Ala-OH	Retatrutide Intermediates
BD01154414	134303-96-1	Fmoc-Pro-Pro-Pro-OH	Retatrutide Intermediates
BD299977	148515-78-0	Fmoc-N(HMB)-Gly-OH	Retatrutide Intermediates
BD297544	312624-65-0	Fmoc-α-Me-Leu-OH	Retatrutide Intermediates
BD13061548	/	Fmoc-α-Me-Leu-Leu-OH	Retatrutide Intermediates
BD131407	129223-22-9	Fmoc-Pro-Pro-OH	Retatrutide Intermediates
BD13061549	/	Fmoc-Gln(Trt)-Aib-Ala-Phe-OH	Retatrutide Intermediates
BD02635888	1454254-70-6	Boc-His(Trt)-Ala-OH	Liraglutide Intermediates
BD02638817	1418291-58-3	Boc-His(Trt)-Ala-Glu(OtBu)-Gly-OH	Liraglutide Intermediates
BD02808658	1048377-78-1	Fmoc-Gly-Arg(Pbf)-OH	Liraglutide Intermediates
BD00845334	204521-63-1	Pal-Glu(OSu)-OtBu	Liraglutide Intermediates
BD01382721	294855-91-7	Pal-Glu(OSu)-OH	Liraglutide Intermediates
BD632677	536721-25-2	Pal-Glu(OH)-OtBu	Liraglutide Intermediates
BD337639	1491158-62-3	Fmoc-Lys(Pal-Glu-OtBu)-OH	Liraglutide Intermediates
BD02746252	1118767-17-1	tBuO-C20-γ-Glu(AEEA-AEEA-OSu)-OtBu	Insulin Icodec Intermediates
BD01878069	1188328-38-2	C20-γ-Glu(AEEA-AEEA-OSu)-OH	Insulin Icodec Intermediates
BD02803589	1319729-54-8	TZ-Ste-SO ₂ -nBu-AEEA-Glu(OH)-Glu(OH)-AEEA-Lys(OH)-COCH ₂ Br	Somapacitan Intermediates
BD02793634	1602829-51-5	TZ-Ste-SO ₂ -nBu-AEEA-Glu(OH)-Glu(OH)-AEEA-Lys(OH)-NH ₂	Somapacitan Intermediates
BD02802845	3102639-02-8	H-Ile-Thr(tBu)-Asp(OtBu)-OtBu	Teduglutide Intermediates
BD02771273	1362481-32-0	Boc-His(Trt)-Gly-Asp(OtBu)-Gly-OH	Teduglutide Intermediates
BD01592954	943586-12-7	HO-C16-Glu(OSu)-OH	Insulin Degludec Intermediates
BD01412919	843666-26-2	C16-(OtBu)-γ-Glu(OSu)-OtBu	Insulin Degludec Intermediates
BD01613987	2253870-61-8	tBuO-C16-γ-Glu(OtBu)-AEEA-AEEA-OH	Insulin Degludec Intermediates
BD02566583	148515-81-5	Fmoc-N(Hmb)-Leu-OH	Others
BD299989	166881-56-7	Fmoc-[Fmoc-Hmb]-Lys(Boc)-OH	Others
BD299978	148515-85-9	Fmoc-(Fmoc-Hmb)-Ala-OH	Others
BD01634293	148515-79-1	Fmoc-N(Hmb)-Ala-OH	Others
BD13061550	/	Fmoc-Tyr(Dmb)-OH	Others
BD00848667	1425938-66-4	Fmoc-(Dmb)Ala-OH	Others
BD255930	815619-80-8	Fmoc-Lys-OAll-HCl	Others
BD629440	187283-25-6	Fmoc-Phe(4-guanidino-Boc ₂)-OH	Others
BD01810795	1962160-86-6	Fmoc-Thr(tBu)-Phe-OH	Others
BD02694392	/	Boc-Gly-Aeg(Fmoc)-OH	Others
BD02794496	1396009-62-3	H-Cys(Acm)-Leu-OtBu	Others
BD02798605	/	Boc-His(Trt)-1-Aminocyclobutanecarboxylic acid	Others
BD02796808	/	Fmoc-Gly-Arg(Pbf)-Gly-OH	Others
BD02797471	2227305-38-4	Fmoc-Gln(Trt)-Ala-Ala-OH	Others
BD02830518	3034670-38-4	Boc-His(Trt)-Aib-Gln(Trt)-Gly-OH	Others

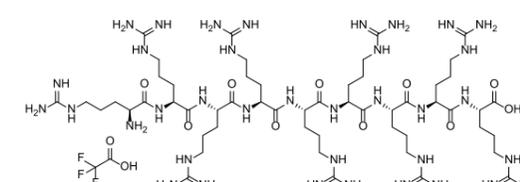
BD	CAS	Name	Category
BD13061551	/	Fmoc-Phe-Cit-LAA-Tyr(tBu)-OtBu	Others
BD13061552	2243446-99-1	Ac-Asp-Tyr-Lys-Val-NH ₂	Others
BD13061554	/	Boc-His(Trt)-Val-Glu(OtBu)-Gly-OH	Others
BD13061555	/	H-Cit-Lys(ma-Lys(PEG16))-Tyr-OH	Others
BD02801585	1931109-48-6	Fmoc-Lys[OtBu-C18-γ-Glu(OtBu)]-OH	Others
BD13061556	/	Fmoc-Lys[OtBu-C18-γ-Glu(OtBu)]-OSu	Others
BD01567950	1671100-14-3	tBuO-Ste-γ-Glu(AEEA-OH)-OtBu	Others
BD13061557	/	Fmoc-Lys[C20-OtBu-Glu(OtBu)-Glu(OtBu)]-OH	Others
BD01590412	174308-47-5	Boc-Gly-Gly-Gly-Gly-OH	Others
BD02791294	2244048-27-7	Fmoc-β-Ala-Tyr(tBu)-OH	Others
BD01828014	2171152-91-1	Fmoc-β-Ala-Val-OH	Others
BD725672	142810-19-3	Fmoc-Val-Gly-OH	Others
BD628410	109425-47-0	Fmoc-Ile-Pro-OH	Others
BD01874462	1446013-13-3	Fmoc-His(Trt)-Aib-OH	Others
BD01147167	1456878-79-7	Fmoc-Thr(tBu)-Gly-OH	Others
BD01128132	1428125-83-0	Fmoc-His(Trt)-Gly-OH	Others
BD39295	212651-48-4	Fmoc-Gly-Pro-OH	Others
BD02137008	134716-88-4	Fmoc-Ile-Ala-OH	Others
BD02233487	110098-50-5	Fmoc-Ser(tBu)-Ser(tBu)-OH	Others
BD764175	114726-49-7	Fmoc-Gly-Gly-OSu	Others
BD130891	87512-31-0	Fmoc-Ala-Ala-OH	Others
BD628421	660846-80-0	Fmoc-Arg(Pbf)-Gly-OH	Others
BD628441	143038-46-4	Fmoc-Ser(tBu)-Pro-OH	Others
BD212113	169624-67-3	Fmoc-Phe-Gly-OH	Others
BD01762000	2313534-20-0	Fmoc-Sar-Sar-OH	Others
BD304891	82007-05-4	Fmoc-Leu-Gly-OH	Others
BD628448	150114-97-9	Fmoc-Val-Ala-OH	Others
BD01762764	2244048-25-5	Fmoc-His(Trt)-Pro-OH	Others
BD136542	7298-84-2	H-Leu-Ala-OH	Others
BD630383	161552-03-0	Cyclo(Arg-Gly-Asp-D-Phe-Lys)	Others

4.3 Functional Peptides

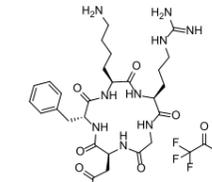
4.3.1 Tumor Homing Peptide



BD114649
99896-85-2
RGD

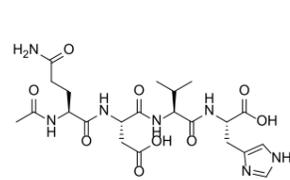


BD01149792
2283335-13-5
(Arg)₉ TFA

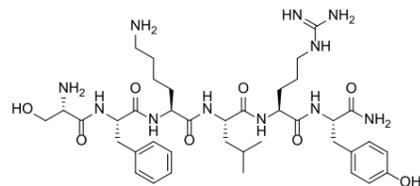


BD764848
500577-51-5
Cyclo(-RGDfK) TFA

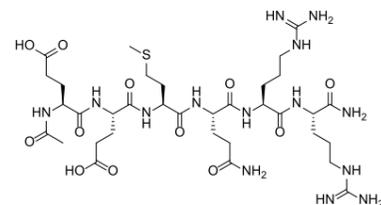
4.3.2 Cosmetic Peptides



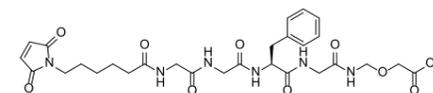
BD689420
928006-50-2
Acetyl tetrapeptide-9



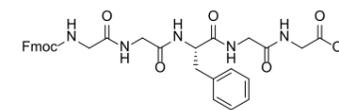
BD02813364
1114970-34-1
Angio-S



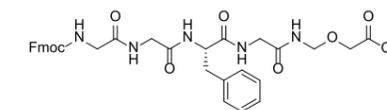
BD114656
616204-22-9
Argireline



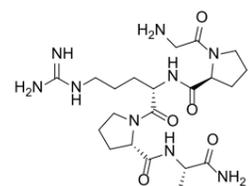
BD01290795
1599440-25-1
MC-GGFG-NH-CH₂-O-CH₂COOH



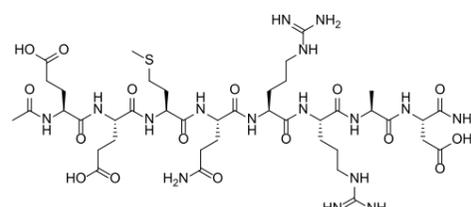
BD02340000
2866302-04-5
Fmoc-GGFG-Gly-OH



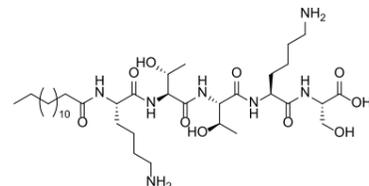
BD01378581
2264011-98-3
Fmoc-GGFG-NH-CH₂-O-CH₂COOH



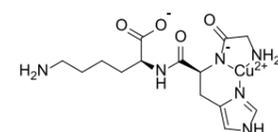
BD689417
135679-88-8
Pentapeptide-3



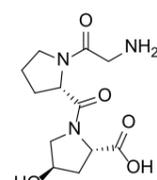
BD635464
868844-74-0
Acetyl octapeptide-1



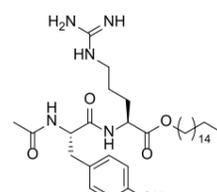
BD02384842
1392416-25-9
Myristoyl pentapeptide-4



BD01106919
89030-95-5
Copper tripeptide

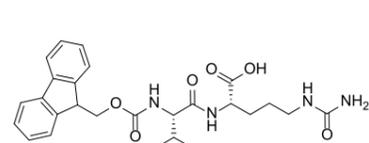


BD133512
2239-67-0
H-Gly-Pro-Hyp-OH

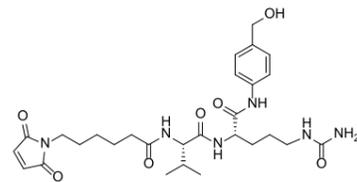


BD01078735
196604-48-5
Calmosensine

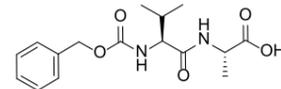
4.3.3 Enzyme-Responsive Peptides



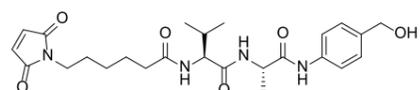
BD256986
159858-21-6
Fmoc-Val-Cit-OH



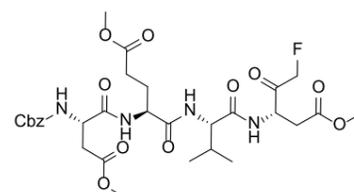
BD00795530
159857-80-4
Mc-Val-Cit-PAB-OH



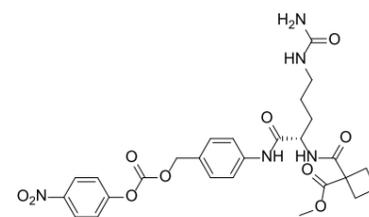
BD157580
24787-89-1
Cbz-Val-Ala-OH



BD01183632
1870916-87-2
Mc-Val-Ala-PAB-OH

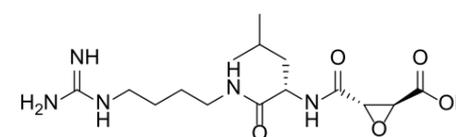


BD630534
210344-95-9
Z-DEVD-FMK

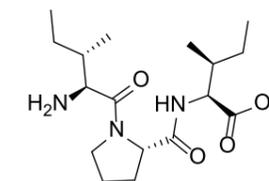


BD01449702
2285373-84-2
ethylester-cBu-Cit-PAB-PNP

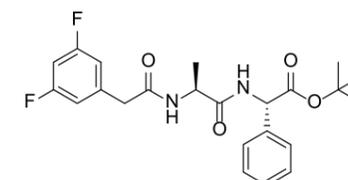
4.3.4 Inhibitors



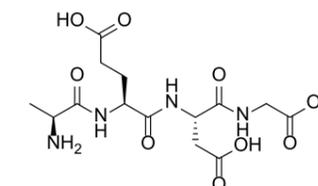
BD46729
66701-25-5
E-64



BD125998
90614-48-5
Diprotin A



BD293072
208255-80-5
DAPT



BD01100078
307297-39-8
Epitalon