

CSBio Peptide Synthesis Reagents · 2,000+ SKUs · Pharmaceutical Grade

CSBio offers a complete range of peptide-related reagents for R&D through GMP production, from small quantities (5 g) to multi-metric ton bulk. The portfolio covers coupling reagents, protected amino acids, resins, synthesis-grade solvents, and specialty PET peptides for molecular imaging research. HPLC purity $\geq 99\%$; enantiomeric purity $\geq 99.8\%$ ee; acetate content $\leq 0.02\%$.

PEPTIDE COUPLING & N-PROTECTING REAGENTS

Cat. No.	Product Name	Cat. No.	Product Name
311001	BOP Reagent	311031	PyBOP
311003	CDI	311035	TBTU
311009	DIC	321004	Boc Anhydride
311015	EDC·HCl	321017	Z-OSu
311017	HATU	311012	DMT-Cl
311018	HBTU	321008	Fmoc-Cl
311019	HCTU	321011	Fmoc-OSu
311020	HOAt	321016	Z-2-Br-OSu
311021	HOBt		

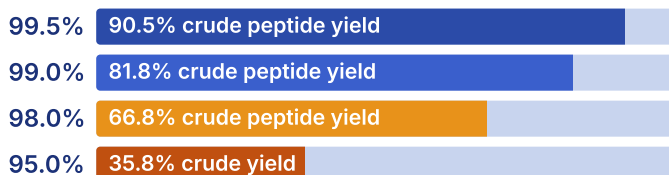
PET PEPTIDE REAGENTS (CHELATORS)

Cat. No.	Product Name	Cat. No.	Product Name
281001	DOTA-tris(t-Bu ester)	282005	DO3A-VS
282003	NOTA-bis(t-Bu ester)	282002	p-SCN-Bn-DOTA
282004	HBED-CC-bis(t-Bu ester)		

COUPLING REAGENT SELECTION GUIDE

Reagent	Type	Reactivity	Best For
HATU	Uronium	Very High	Difficult sequences, N-Me AA
HBTU	Uronium	High	Standard SPPS, all AA
PyBOP	Phosphonium	High	Macrolactamization
COMU	Uronium	High	Microwave SPPS, safe
DIC	Carbodiimide	Moderate	Resin loading, Boc SPPS
TBTU	Uronium	High	Phosphoamino acids, Cys

WHY AA PURITY MATTERS — 20-STEP SPPS



Cumulative yield after 20 coupling steps at the given AA purity level.

CSBio — Amino Acids & Resins

20 FMOC-AA-OH (STANDARD & HG GRADE)

Cat. No.	Product
011101	Fmoc-Ala-OH
021107	Fmoc-Arg(Pbf)-OH
031101	Fmoc-Asn(Trt)-OH
041107	Fmoc-Asp(OtBu)-OH
051111	Fmoc-Cys(Trt)-OH
061105	Fmoc-Gln(Trt)-OH
071109	Fmoc-Glu(OtBu)-OH
081101	Fmoc-Gly-OH
091107	Fmoc-His(Trt)-OH
101103	Fmoc-Ile-OH
111105	Fmoc-Leu-OH
121114	Fmoc-Lys(Boc)-OH
131105	Fmoc-Met-OH
141140	Fmoc-Phe-OH
151104	Fmoc-Pro-OH
161108	Fmoc-Ser(tBu)-OH
171108	Fmoc-Thr(tBu)-OH
181107	Fmoc-Trp(Boc)-OH
191112	Fmoc-Tyr(tBu)-OH
201107	Fmoc-Val-OH

*Fmoc-D-AA-OH available for all 20 standard amino acids.
 Standard (≥99%) and HG (≥99.5%) grades available.*

PEPTIDE RESINS

Cat. No.	Product
264001	Wang Resin
262001	2-Chlorotrityl Chloride Resin
265009	Rink Amide Resin
261003	Rink Amide-AM Resin
263002	Rink Amide-MBHA Resin
—	Fmoc-AA-Wang Resin (std/special)
—	H-AA-2-CITrt Resin (std/special)

CSBio — Solvents & Special Amino Acids

SYNTHESIS GRADE SOLVENTS FOR PEPTIDE SYNTHESIS & CLEAVAGE

Cat. No.	Solvent
330404	DMF
311010	DIEA
330402	DCM
330411	DMSO
330109	Acetonitrile
331303	Methanol
332003	TFA
330504	1,2-Ethanedithiol
332005	Triethylsilane
332004	Triisopropylsilane
311005	DBU
332006	Trifluoroethanol

SPECIAL AMINO ACIDS

Cat. No.	Product
231151	Fmoc-D-2-Nal-OH
231167	Fmoc-4-Pal-OH
221409	Pal-Glu-OtBu
121112	Fmoc-Lys(Alloc)-OH
231156	Fmoc-Oic-OH
231180	Fmoc-D-Tic-OH
231178	Fmoc-Thi-OH
121118	Fmoc-Lys(Dde)-OH
141102	Fmoc-Bip(4,4')-OH
011119	Fmoc-3-Ala(3-benzothiényl)-OH
121127	Fmoc-Lys(Mtt)-OH
011111	Fmoc-p-Cyano-Ala-OH
231117	Fmoc-Azetidine-2-COOH
021119	Fmoc-Homo-Arg(Et) ₂ ·HCl
021117	Fmoc-D-Homo-Arg(Et) ₂ ·HCl
101102	Fmoc-D-Ile-OH
021109	Fmoc-Arg(Pmc)-OH
141132	Fmoc-Phe(4-CF ₃)-OH
231125	Fmoc-Dab(Boc)-OH
231130	Fmoc-D-Dab(Boc)-OH
231171	Fmoc-Pen(Trt)-OH
231170	Fmoc-Pen(Acm)-OH
231115	Fmoc-Asu(OAll)-OH

CSBio — PET Peptides Part 1 of 2 · Rows 1–17

Bifunctional chelate–peptide conjugates for molecular imaging in oncology and radiopharmaceutical research.

Chelators: NOTA · NODAGA · DOTA · DOTAGA · HBED-CC · for ⁶⁸Ga, ¹⁷⁷Lu radionuclide labelling.

Cat. No.	Product Name	Sequence / Structure
CS34563	NOTA-RGD	NOTA-Arg-Gly-Asp
CS34564	NOTA-TATE-RGD	NOTA-Glu{PEG4-Cyclo[Arg-Gly-Asp-(D-Tyr)-Lys]}-PEG-(D-Phe)-Cys-Tyr-(D-Trp)-Lys-Thr-Cys-Thr
CS9412	NOTA-CXCR4-2	Cyclo[(D-Tyr)-(D-NMe-Orn)-(AMBS-NOTA)-Arg-(2-Nal)-Gly]
CS9539	NOTA-3PTATE-RGD	NOTA-(Bn-p-SCN)-PEG-Glu{PEG-Cyclo[Arg-Gly-Asp-(D-Tyr)-Lys]}
CS34565	NOTA-TATE-PRGD2	NOTA-(D-Phe)-Cys-Tyr-(D-Trp)-Lys-Thr-Cys-Thr
CS9418	NOTA-3PRGD2	NOTA-PEG-Glu{PEG-Cyclo[Arg-Gly-Asp-(D-Tyr)-Lys]}
CS15388	PSMA-11	Glu-NH-CO-NH-Lys-(Ahx)-HBED-CC
CS17098	PSMA-617	DOTA-Ahx-Nal-Lys-CO-Glu-OH
CS2575	DOTA-TATE	DOTA-(D-Phe)-Cys-Tyr-(D-Trp)-Lys-Thr-Cys-Thr
CS15398	NODAGA-LM3	NODAGA-p-Cl-Phe-(D-Cys-Tyr-D-Trp)-Lys-Thr-Cys
CS15736	DOTA-LM3	DOTA-p-Cl-Phe-(D-Cys-Tyr-D-Trp)-Lys-Thr-Cys
CS11123	DOTA-JR11	DOTA-p-Cl-Phe-(D-Cys-Tyr-D-Aph)-Lys-Thr-Cys
CS34566	NODAGA-JR11	NODAGA-p-Cl-Phe-(D-Cys-Tyr-D-Aph)-Lys-Thr-Cys
CS34567	DOTA-JR10	DOTA-p-NO ₂ -Phe-(D-Cys-Tyr-D-Aph)-Lys-Thr-Cys
CS34568	NODAGA-JR10	NODAGA-p-NO ₂ -Phe-(D-Cys-Tyr-D-Aph)-Lys-Thr-Cys
CS34569	NOTA-MAL-Cys40-Exendin-4	NOTA-MAL-Cys40-His-Gly-Glu-Thr-Phe-Thr-Ser-Asp-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂
CS34570	NOTA-Exendin-4	NOTA-His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂

CSBio — PET Peptides

Part 2 of 2 · Rows 18–35

Cat. No.	Product Name	Sequence / Structure
CS9403	—	NOTA-Glu-{PEG4-Cyclo[Arg-Gly-Asp-(D-Phe)-Lys]}2
CS15452	NeoBomb1	DOTA-pABZA-DIG-(D-Phe)-Gln-Trp-Ala-Val-Gly-His-NCH[CH2-CH(CH3)2]2
CS9409	DOTA-Nal3-Octreotide	DOTA-(D-Phe)-Cys-(1-Nal)-(D-Trp)-Lys-Thr-Cys-Thr-ol [SS: Cys3-Cys7]
CS6473	[NOTA-WT-pHLIP(D)]	NOTA-(Bz-SCN)-Ala-Cys-Glu-Gln-Asn-Pro-Ile-Tyr-Trp-Ala-Arg-Tyr-Ala-Asp-Trp-Leu-Phe-Thr-Thr-Pro-Leu-Leu-Leu-Leu-Asp-Leu-Ala-Leu-Leu-Val-Asp-Ala-Asp-Glu-Gly-Thr [All D]
CS12890	[DOTA-WT-pHLIP(D)]	DOTA-(Bn-pSCN)-Ala-Cys-Glu-Gln-Asn-Pro-Ile-Tyr-Trp-Ala-Arg-Tyr-Ala-Asp-Trp-Leu-Phe-Thr-Thr-Pro-Leu-Leu-Leu-Leu-Asp-Leu-Ala-Leu-Leu-Val-Asp-Ala-Asp-Glu-Gly-Thr [All D]
CS6474	[NOTA-Var7-pHLIP(D)]	NOTA-(Bz-SCN)-Ala-Cys-Glu-Glu-Gln-Asn-Pro-Trp-Ala-Arg-Tyr-Leu-Glu-Trp-Leu-Phe-Pro-Thr-Glu-Thr-Leu-Leu-Leu-Glu-Leu [All D]
CS12891	[DOTA-var3-pHLIP(D)]	DOTA-(Bn-pSCN)-Ala-Cys-Asp-Asp-Gln-Asn-Pro-Trp-Arg-Ala-Tyr-Leu-Asp-Leu-Leu-Phe-Pro-Thr-Asp-Thr-Leu-Leu-Leu-Asp-Leu-Leu-Trp [All D]
CS9441	IMP466	NOTA-(D-Phe)-Cys-Phe-(D-Trp)-Lys-Thr-Cys-Thr-OL [SS: Cys4-Cys8]
CS9540	NOTA-3P-TATE-RGD2	NOTA-(Bn-p-SCN)-PEG4-Glu[(D-Phe)-Cys-Tyr-(D-Trp)-Lys-Thr-Cys-Thr]-PEG4-Glu-{Cyclo[RGD-(D-Tyr)-Lys]}2
CS13081	NOTA-Tyr-TATE	NOTA-(D-Phe)-Cys-Tyr-(D-Trp)-Lys-Thr-Cys-Thr [SS: Cys2-Cys7]
CS11129	NODAGA-PEG-NT-XII	NODAGA-PEG4-Arg-(NMe-Arg)-Pro-Tyr-Tle-Leu
CS7457	—	Ac-Lys(NODAGA)-Pro-(Me-Arg)-Arg-Pro-Tyr-Tle-Leu
CS7573	—	NODAGA-PEG4-Arg-Arg-Pro-Tyr-Tle-Leu
CS13120	—	DOTAGA-(D-Phe)-(D-Phe)-(D-Lys)
CS13608	—	{{(DOTAGA)2-Lys}2Lys}2Lys-Lys(Ahx-Ahx)-NH2
CS9243	DOTA-Ahx-Lys40-Exendin	His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-(Lys40-Ahx-DOTA)
CS34571	T140	Arg-Arg-Nal-Cys-Tyr-Arg-Lys-(D-Lys)-Pro-Tyr-Arg-Cit-Cys-Arg [SS: Cys4-Cys13]
CS34572	FC131	(D-Tyr)-Arg-Arg-(2-Nal)-Gly [Lactam: (D-Tyr)1-Gly4]