

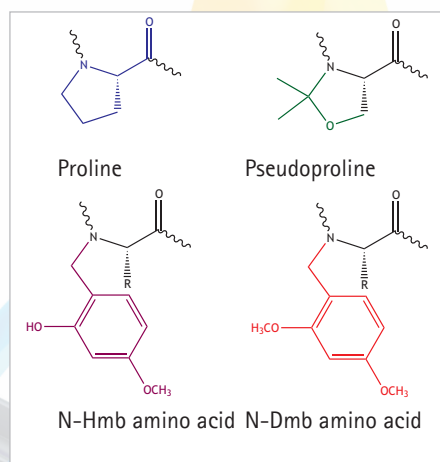
First Choice For
Peptide Synthesis

Novabiochem®

Smart peptide synthesis

with secondary structure disrupting amino acids.

Avoid on-resin peptide aggregation –
increase **yield**, **purity** and **efficiency** of your peptide synthesis.

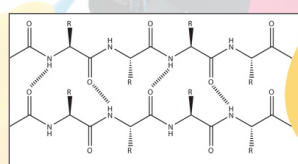


Novabiochem® has addressed peptide aggregation during solid phase synthesis that leads to poor yield and quality of crude product by continuously extending the range of

- Pseudoproline dipeptides
- Hmb & Dmb amino acids and dipeptides

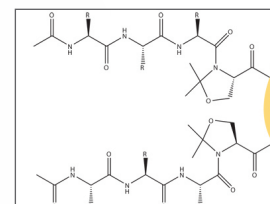
All work on the same principle by temporarily introducing a structure breaking iminoacid into the peptide sequence.

Take advantage of the proline effect and see what it does to your peptide chain...

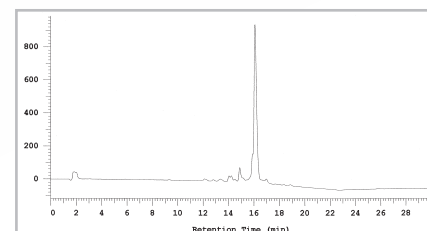
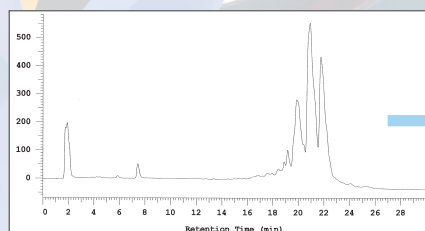


any pseudoproline dipeptide

(effect for Hmb- and Dmb-building blocks is similar)



... and to your chromatogram!



More information on the use of pseudoproline dipeptides is available in the *Pseudoproline Resource Centre* on www.novabiochem.com

List of pseudoproline dipeptides available from Novabiochem®

Product No.	Pseudoproline dipeptides	Size
852175	Fmoc-Ala-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852180	Fmoc-Ala-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852185	Fmoc-Asn(Trt)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852183	Fmoc-Asn(Trt)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852186	Fmoc-Asp(OtBu)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852199	Fmoc-Asp(OtBu)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852190	Fmoc-Gln(Trt)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852198	Fmoc-Gln(Trt)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852177	Fmoc-Glu(OtBu)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852196	Fmoc-Glu(OtBu)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852200	Fmoc-Gly-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852197	Fmoc-Gly-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852194	Fmoc-Ile-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852193	Fmoc-Ile-Thr($\psi^{Me,Me}pro$)-OH	1g 5g

Product No.	Pseudoproline dipeptides	Size
852179	Fmoc-Leu-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852184	Fmoc-Leu-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852178	Fmoc-Lys(Boc)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852191	Fmoc-Lys(Boc)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852195	Fmoc-Phe-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852201	Fmoc-Phe-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852187	Fmoc-Ser(tBu)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852192	Fmoc-Ser(tBu)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852202	Fmoc-Trp(Boc)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852188	Fmoc-Trp(Boc)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852189	Fmoc-Tyr(tBu)-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852182	Fmoc-Tyr(tBu)-Thr($\psi^{Me,Me}pro$)-OH	1g 5g
852176	Fmoc-Val-Ser($\psi^{Me,Me}pro$)-OH	1g 5g
852181	Fmoc-Val-Thr($\psi^{Me,Me}pro$)-OH	1g 5g

List of Hmb and Dmb building blocks available from Novabiochem®

Product No.	Hmb-amino acids	Size
852060	Fmoc-(FmocHmb)Ala-OH	1g 5g
852064	Fmoc-(FmocHmb)Gly-OH	1g 5g
852061	Fmoc-(FmocHmb)Leu-OH	1g 5g
852068	Fmoc-(FmocHmb)Lys(Boc)-OH	1g 5g
852081	Fmoc-(FmocHmb)Phe-OH	1g 5g
852063	Fmoc-(FmocHmb)Val-OH	1g 5g
Product No.	Dmb-amino acids	Size
852110	Fmoc-(Dmb)Gly-OH	1g 5g

Product No.	Dmb-dipeptides	Size
852108	Fmoc-Ala-(Dmb)Gly-OH	1g 5g
852109	Fmoc-Gly-(Dmb)Gly-OH	1g 5g
852121	Fmoc-Leu-(Dmb)Gly-OH	1g 5g
852116	Fmoc-Val-(Dmb)Gly-OH	1g 5g
852114	Fmoc-Ile-(Dmb)Gly-OH	1g 5g
852115	Fmoc-Asp(OtBu)-(Dmb)Gly-OH	1g 5g

The products listed are also available in bulk quantities.

For more information or to order Novabiochem products, contact your local office

Argentina	+54 11 4546 8100	Japan	+81 0120 189 390
Australia	+61 3 9728 7600	Korea	+82 2 2185 3840
Brazil - Merck	+55 11 3346 8500	Malaysia	+6 03 7494 3688
Caribbean	See Central America	New Zealand	+64 06 356 7328
Central America	+50 2 2410-2300	Mexico	+528 18158 0600
Chile	+56 2 3400 000	Pakistan	+92 21 455 9210
China	+86 21 3222 4788	Peru	+51 1 6187 500
Colombia	+57 1 425 4770	Philippines	+63 2 815 4067
Ecuador	+593 2 2981677	Singapore	+65 6890 6660
Guatemala	See Central America	Taiwan	+886 2 2742 2788
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