

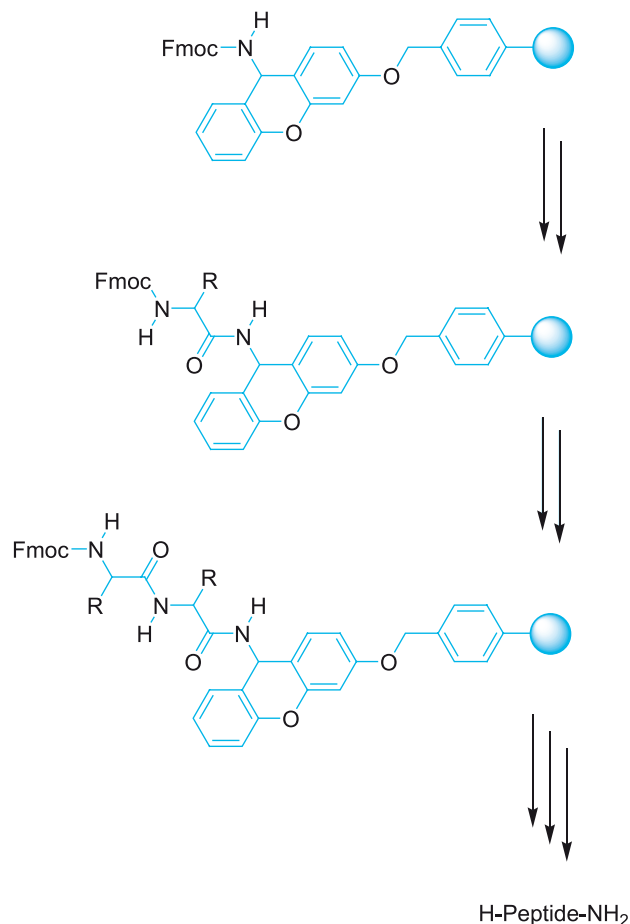
Description: Fmoc Sieber resin

Application: Solid Phase Peptide Synthesis, Synthesis of Amides

See Also: PL-Rink, PL-Ramage

This xanthenyl-based resin may be cleaved using very low concentrations of TFA (1–2%), allowing peptide amides to be created with their protecting groups intact. This offers the possibility of purifying the resultant peptide amide prior to fragment assembly, and subsequently removing the remaining side chain protecting groups under optimized solution phase conditions.

Using PL-Sieber, it is also possible to utilize a C-terminal protected aspartic acid or glutamic acid and attach to the resin via the carboxylic acid side chain. Upon acidolysis, the corresponding asparagine or glutamine species is generated, allowing the synthesis of peptides containing C-terminal esters of Asn, Gln, or cyclic peptides (should a suitable orthogonal protecting group be used).



References

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Ordering Information

PL-Sieber Resin (1% DVB)	Part No
0.6mmol/g 75-150µm	PL3483-1799, 5g
	PL3483-3799, 25g
	PL3483-4799, 100g
	PL3483-6799, 1kg

Additional Information

Varian Polymer Laboratories manufactures in multi kg quantities. Please enquire for details.