

Description: N-Methoxy-β-alanine AMS resin

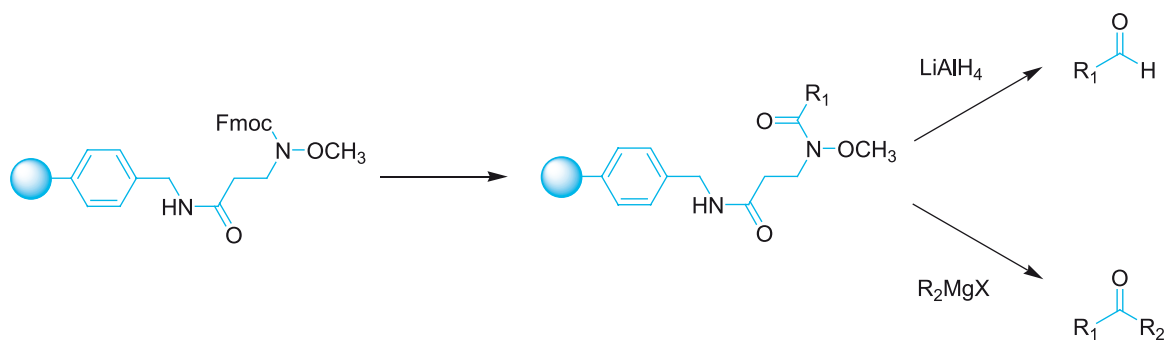
Application: Synthesis of Peptide Aldehydes and Ketones

See Also: PL-IPG, PL-IPG-Diol

PL-Weinreb can be used to generate peptide aldehydes and peptide ketones.

Following removal of the temporary Fmoc protecting group, an amino acid is loaded onto the resin. The resulting Weinreb amide equivalent will generate aldehydes by treatment with LiAlH_4 or ketones via cleavage with a Grignard reagent. Removal of the Fmoc protecting group can be achieved by treatment with 20% piperidine solution in DMF.

It is recommended to extend the initial coupling time for loading of the amino acid, due to steric interference of the methoxy group.



References

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Ordering Information

PL-Weinreb Resin (1% DVB)	Part No
0.8mmol/g 75-150μm	PL3478-1799, 5g
	PL3478-3799, 25g
	PL3478-4799, 100g
	PL3478-6799, 1kg

Additional Information

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