

DiagSupport™ Chlorotrityl Polystyrene Resin, 125-160 µm, 0.8-1.5 mmol/g

Cat.No: SPS-RA23-032

DESCRIPTION

Description

This highly acid labile resin is useful for the immobilization of alcohols, amines and carboxylic acids. Cleavage is in general achieved by using either 1-5% TFA in CH₂Cl₂ (containing 5% triisopropylsilane) or acetic acid. This resin can also be used in Fmoc peptide synthesis under basic acylation conditions. Carboxylic acids can be released under very mild acidic conditions by treatment with AcOH/TFE/DCM or HFIP in DCM. Completely protected peptides are generated under this conditions. This resin is more sensitive towards acids than the 2-chlorotrityl resins.

APPLICATION

Application Notes

Immobilization of alcohols, amines and carboxylic acids; Used in Fmoc peptide synthesis under basic acylation conditions.

PRODUCT INFORMATION

Particle Size	125-160 µm
Functional Group	Chlorotrityl
Capacity	0.8-1.5 mmol/g