

DiagSupport™ Chloromethyl Polystyrene/DVB Resin, 100-200 Mesh, 0.3-1.0 mmol/g

Cat.No: SPS-AP23-148

DESCRIPTION

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The chloromethyl polystyrene resin (Merrifield resin) has in the past been the standard support for the synthesis of peptide acids by Boc strategy. Originally, the cesium salt of a protected amino acid was anchored to the chloromethyl support via nucleophilic displacement of chlorine. Although, Me₄N salts, sodium salts in THF with Bu₄NF catalysis and more recently zinc salts in EtOH have also been used. Cleavage is normally effected by treatment with HF or trifluoromethanesulfonic acid or by hydrogenolysis, alcohols can be released by using diisobutylaluminium hydride or LiBH₄. For cleavage scavengers may be required.

PRODUCT INFORMATION

Particle Size 100-200 mesh

Functional Group Chloromethyl

Capacity 0.3-1.0 mmol/g