

DiagSupport™ Chloromethyl Polystyrene Resin, 200-400 Mesh, 0.8-1.4 mmol/g

Cat.No: SPS-RA23-029

DESCRIPTION

Description

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, Me_4N salts, sodium salts in THF with Bu_4NF 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 LiBH_4 . For cleavage scavengers may be required.

APPLICATION

Application Notes

Standard support for the synthesis of peptide acids by Boc strategy.

PRODUCT INFORMATION

Particle Size	200-400 mesh
---------------	--------------

Functional Group	Chloromethyl
------------------	--------------

Capacity	0.8-1.4 mmol/g
----------	----------------