

DiagSupport™ Hydroxytrityl Polystyrene Resin, 100-200 Mesh, 0.8-1.5 mmol/g

Cat.No: SPS-RA23-085

DESCRIPTION

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In contrast to benzyl alcohol-based supports, attachment of Fmoc-amino acids to trityl-based resins, such as 2-chlorotrityl or hydroxytrityl resins, is free from enantiomerization, making them ideal for the immobilization of sensitive residues such as Cys and His. The resin also protects Cys from enantiomerization during chain extension. They are particularly useful in the synthesis of C-terminal prolyl peptides as the bulk of the trityl linker helps to prevent diketopiperazine formation. Hydroxytrityl resins must be converted to the chloride form before attachment of the amino acid.

PRODUCT INFORMATION

Particle Size 100-200 mesh

Functional Group Hydroxytrityl

Capacity 0.8-1.5 mmol/g