DiagSupport™ Cysteamine 2-Chlorotrityl Polystyrene/DVB Resin, 100-200 Mesh, 0.4-0.7 mmol/g

Cat.No: SPS-AP23-139

DESCRIPTION

Description	This resin is an acid-labile resin for the preparation of N-acyl or N-alkyl cysteamines. The free amino functionality of the resin-bound cysteamine can be readily acylated or reductively alkylated using standard procedures. Cleavage can be effected with electrophilic oxidants such as I_2 or Tl(3) to produce a dimeric disulfide bridged product, or with 50-100% TFA to give the monomeric sulfhydryl product. This method is particularly useful for forming intramolecular disulfide bridges in molecules containing two thiol groups where one is protected with Acm. The polymer matrix is copoly (styrene-1% DVB). Particle size 100-200 mesh. Since the attached amino acid is N-deprotected, these resins are ready to use without pretreatment. Finished peptides can be cleaved under very mild conditions to give protected peptides for further elaboration, or can be cleaved under standard acid conditions to product fully deprotected peptides.

PRODUCT INFORMATION

Particle Size	100-200 mesh
Functional Group	Cysteamine 2-Chlorotrityl
Capacity	0.4-0.7 mmol/g

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