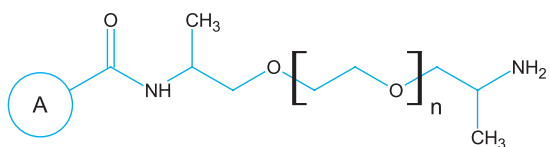


PL-PEGA Resin



Description

Acryloylated O,O'-bis(2-aminopropyl)polyethylene glycol resin

Synonyms

Meldal's resin

Applications

PL-PEGA Resin is a unique material designed to provide a completely hydrophilic support capable of allowing permeation by enzymes. This means that solid phase synthesis can be used to generate compounds attached to the beads, and these can then be used directly in a variety of assays. PL-PEGA Resin has been widely used in both peptide synthesis and the solid phase synthesis of oligosaccharides. The presence of a primary amine functionality means it is possible to attach a wide variety of common handles or linkers using standard coupling chemistry.

PL-PEGA Resin 0.4mmol/g 150-300 μ m (wet bead size) is manufactured using a commercially available PEG compound of around 800MW. The molecular weight cut-off for this resin is around 35kD. Swell is approximately 8-12mL/g in DMF, 11-15mL/g in MeOH and 15-25mL/g in Water.

PL-PEGA Resin 0.2mmol/g 300-500 μ m (wet bead size) is manufactured using a commercially available PEG compound of around 1900MW. The molecular weight cut-off for this resin is around 70kD. Swell is approximately 15-25mL/g in DMF, 15-25mL/g in MeOH and >30mL/g in Water.

Products Information

Microporous

PL-PEGA Resin

0.2mmol/g 300-500 μ m

0.4mmol/g 150-300 μ m

References

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PL-PEGA Resin is supplied in a swollen form in methanol.

The quantity supplied corresponds to the equivalent dry weight of the resin, however this resin should not be dried.

PL-PEGA Resin is sold under license from Carlsberg Laboratory.