

DiagSupport™ Hydroxyl PEG-Polystyrene Resin, 90 μ m, 0.18-0.23 mmol/g, Long Peptide Sequence

Cat.No: SPS-RA23-094

DESCRIPTION

Description

PEG-polystyrene resins are grafted copolymers consisting of a low crosslinked polystyrene matrix on which polyethylene glycol (PEG or POE) is grafted. The PEG spacer is attached to the matrix via an ethyl ether group which increases stability towards acid treatment and minimizes PEG-leaching. As PEG is with hydrophobic and hydrophilic properties, the graft copolymer shows modified physico chemical properties which are highly dominated by the PEG moiety (and no longer by the polystyrene matrix). These graft copolymers are pressure stable and can be used in batch processes as well as under continuous flow conditions. The PEG spacer is in the range of MW 3000 Da. Long peptide sequences (up to 100 residues), difficult sequences and PNA are synthesized on this support. The resin shows an increased swelling volume and a significant lower loading.

APPLICATION

Application Notes

For long peptide sequences (up to 100 residues), difficult sequences and PNA.

PRODUCT INFORMATION

Particle Size	90 μ m
Functional Group	Hydroxyl
Capacity	0.18-0.23 mmol/g