

DiagSupport™ Amine PEG-Polystyrene Resin, 90 µm, 0.18-0.23 mmol/g, Long Peptide Sequence

Cat.No: SPS-RA23-020

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 has 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. Long peptide sequences (up to 100 residues), difficult sequences and peptide nucleic acid (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 peptide nucleic acid (PNA).

PRODUCT INFORMATION

Particle Size	90 µm
Functional Group	Amine
Capacity	0.18-0.23 mmol/g