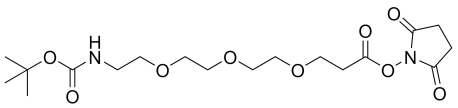
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

Alkyne/Biotin PEG reagent, PC-biotin-PEG4-PEG4-alkyne, Purity 98%



Cat. No.: X24-10-WXX178

Size: 1 mg; 5 mg; 10 mg

Synonym: Alkyne/Biotin PEG reagent; PC-Biotin-PEG4-PEG4-alkyne

This product is for research use only and is not intended for diagnostic use.

Product Information

Description	PC-biotin-PEG4-PEG4-alkyne is designed for copper-catalyzed click chemistry reactions and is useful for introducing a biotin moiety to azide-containing biomolecules. The extended hydrophilic spacer arm provides water solubility.
Molecular Weight	927.1
Molecular Formula	$C_{42}H_{66}N_6O_{15}S$
Functional Group 1	Alkyne
Functional Group 2	Biotin
Functional Group 3	None
Reactive Group 1	Azide
Form	Liquid
Purity	98%
Identity	Confirmed by NMR.
Applications	PC-biotin-PEG4-PEG4-alkyne is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azide-containing biomolecules. Its design is suitable for a variety of applications in biochemistry and molecular biology.
Storage	Store at -20°C.

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