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

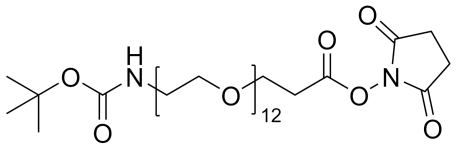
Product Information

Propargyl/*t*-Boc-protected aminooxy PEG reagent, *t*-Boc-*N*-amido-PEG4-amide-Tri-(propargyl-PEG10-ethoxymethyl)-methane, Purity 98%

Cat. No.: X24-10-WXX169

Size: 50 mg; 100 mg; 250 mg

Synonym: Propargyl/*t*-Boc-protected aminooxy PEG reagent; *t*-Boc-*N*-amido-PEG4-amide-Tri-(propargyl-PEG10-ethoxymethyl)-methane



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

Product Information

Description	*t*-Boc-*N*-amido-PEG4-amide-Tri-(propargyl-PEG10-ethoxymethyl)-methane is a reagent grade branched crosslinker molecule with a *t*-Boc protected aminooxy group and three terminal propargyl groups, designed for copper-catalyzed azide-alkyne click chemistry reactions. The protected amine is deprotected under acidic conditions.
Molecular Weight	2117.5
Molecular Formula	$C_{98}H_{181}N_5O_{43}$
Functional Group 1	Propargyl
Functional Group 2	*t*-Boc-protected aminooxy
Functional Group 3	None
Reactive Group 1	Aldehyde
Reactive Group 2	Azide
Form	Liquid
Purity	98%
Identity	Confirmed by NMR.
Applications	*t*-Boc-*N*-amido-PEG4-Amide-Tri-(propargyl-PEG10-ethoxymethyl)-methane is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azide-bearing biomolecules or compounds, making it ideal for studying protein interactions and developing targeted drug delivery systems.
Storage	Store at -20°C.