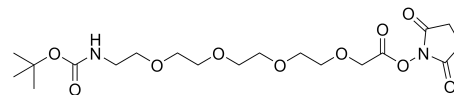


Product Information

Boc-protected amine/Propargyl PEG reagent, *N*-Boc-*N*-bis(PEG4-propargyl), Purity 98%

Cat. No.: X24-10-WXX150

Synonym: Boc-protected amine/Propargyl PEG reagent; *N*-Boc-*N*-bis(PEG4-propargyl)



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

Product Information

Description	<i>N</i> -Boc- <i>N</i> -bis(PEG4-propargyl) is a reagent grade bifunctional PEG compound with two terminal alkynes and a Boc-protected secondary amine, designed for copper-catalyzed click chemistry reactions. The secondary amine may be deprotected under acidic conditions to allow for alkylation at that position.
Molecular Weight	545.7
Molecular Formula	C ₂₇ H ₄₇ NO ₁₀
Functional Group 1	Boc-protected amine
Functional Group 2	Propargyl
Functional Group 3	None
Reactive Group 1	Azide
Form	Solid
Purity	98%
Identity	Confirmed by NMR.
Applications	<i>N</i> -Boc- <i>N</i> -bis(PEG4-propargyl) is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions. Its design is ideal for studying biomolecular interactions and developing targeted drug delivery systems.
Storage	Store at -20°C.