

Product Information

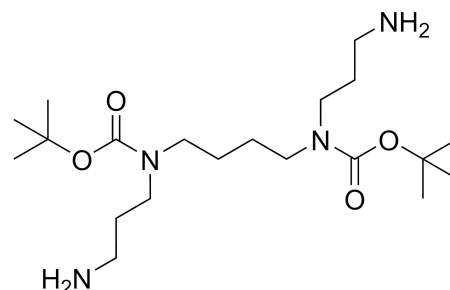
Propargyl/*t*-Butyl ester PEG reagent, Propargyl-PEG13-*t*-butyl ester, Purity 97%

Cat. No.: X24-10-WXX125

Size: 100 mg; 250 mg; 500 mg; 1 g

Synonym: Propargyl/*t*-Butyl ester PEG reagent; Propargyl-PEG13-*t*-butyl ester

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



Product Information

Description	Propargyl-PEG13- <i>t</i> -butyl ester enables click chemistry reactions with azide-bearing biomolecules or compounds to form stable triazole linkages; copper is required as a catalyst. The <i>t</i> -butyl protection is removed under acidic conditions. The PEG units improve the hydrophilicity of the molecule in aqueous media.
Molecular Weight	712.9
Molecular Formula	C ₃₄ H ₆₄ O ₁₅
Functional Group 1	Propargyl
Functional Group 2	<i>t</i> -Butyl ester
Functional Group 3	None
Reactive Group 1	Azide
Form	Solid
Purity	97%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	Propargyl-PEG13- <i>t</i> -butyl ester is used in controlled drug delivery applications and enhances the solubility and efficacy of therapeutic agents.
Storage	Store at -20°C.