

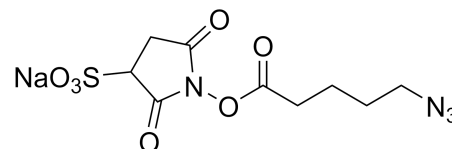
## Product Information

### Amine/Methoxypropanamide/Propargyl PEG reagent, Amine-PEG4-amide-Tri(3-methoxypropanamide-PEG10-Propargyl) methane HCl salt, Purity 98%

**Cat. No.:** X24-10-WXX141

**Size:** 50 mg; 100 mg; 250 mg

**Synonym:** Amine/Methoxypropanamide/Propargyl PEG reagent; Amine-PEG4-amide-Tri(3-methoxypropanamide-PEG10-Propargyl) methane HCl salt; Amine-PEG4-amide-Tri(3-methoxypropanamide-PEG10-Propargyl) methane hydrochloride



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

#### Product Information

<b>Description</b>	Amine-PEG4-amide-Tri(3-methoxypropanamide-PEG10-Propargyl) methane HCl salt is a reagent grade crosslinker with an amino group with three propargyl groups, designed for copper-catalyzed click chemistry reactions with azide-bearing biomolecules or compounds. The amino group is reactive with activated NHS esters, carboxylic acids, carbonyls (ketone, aldehyde), <i>etc.</i>
<b>Molecular Weight</b>	2053.9
<b>Molecular Formula</b>	C <sub>93</sub> H <sub>174</sub> ClN <sub>5</sub> O <sub>41</sub>
<b>Functional Group 1</b>	Amine
<b>Functional Group 2</b>	Methoxypropanamide
<b>Functional Group 3</b>	Propargyl
<b>Reactive Group 1</b>	Acid
<b>Reactive Group 2</b>	Azide
<b>Reactive Group 3</b>	NHS
<b>Form</b>	Liquid
<b>Purity</b>	98%
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	Amine-PEG4-amide-Tri(3-methoxypropanamide-PEG10-Propargyl) methane HCl salt is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azide-bearing compounds or biomolecules. Its design is ideal for studying biomolecular interactions and developing targeted drug delivery systems.
<b>Storage</b>	Store at -20°C.