

## Product Information

### Propargyl PEG reagent, Tetra(3-methoxy-*N*-(PEG5-prop-2-ynyl)propanamide) methane, Purity 98%

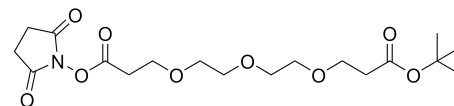
**Cat. No.:** X24-10-WXX159

**Size:** 25 mg; 50 mg; 100 mg

**Synonym:** Propargyl PEG reagent;

Tetra(3-methoxy-*N*-(PEG5-prop-2-ynyl)propanamide) methane

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



#### Product Information

<b>Description</b>	Tetra(3-methoxy- <i>N</i> -(PEG5-prop-2-ynyl)propanamide) methane is a reagent grade branched crosslinker with four terminal propargyl groups, designed for copper-catalyzed click chemistry reactions.
<b>Molecular Weight</b>	1453.7
<b>Molecular Formula</b>	C <sub>69</sub> H <sub>120</sub> N <sub>4</sub> O <sub>28</sub>
<b>Functional Group 1</b>	Propargyl
<b>Functional Group 2</b>	None
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Azide
<b>Form</b>	Solid
<b>Purity</b>	98%
<b>Solubility</b>	DMSO, DCM, DMF
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	Tetra(3-methoxy- <i>N</i> -(PEG5-prop-2-ynyl)propanamide) methane is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions with azide compounds or biomolecules to form a stable triazole linkage, making it ideal for modifying biomolecules and studying protein interactions.
<b>Storage</b>	Store at -20°C.