

## Product Information

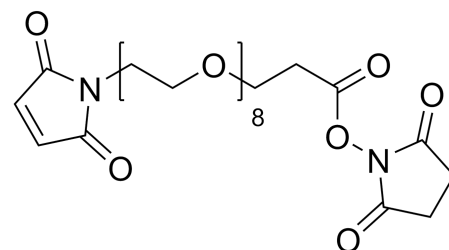
### *t*-Boc-protected amine/Propargyl PEG reagent, *t*-Boc-*N*-amido-PEG10-propargyl, Purity 98%

**Cat. No.:** X24-10-WXX157

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

**Synonym:** *t*-Boc-protected amine/Propargyl PEG reagent; *t*-Boc-*N*-amido-PEG10-propargyl

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



#### Product Information

<b>Description</b>	<i>t</i> -Boc- <i>N</i> -Amido-PEG10-propargyl is a reagent grade propargyl linker with one side protected by the Boc group, designed for copper-catalyzed click chemistry reactions. The Boc-protected amine is deprotected under mild acidic conditions.
<b>Molecular Weight</b>	595.7
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>53</sub> NO <sub>12</sub>
<b>Functional Group 1</b>	<i>t</i> -Boc-protected amine
<b>Functional Group 2</b>	Propargyl
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Azide
<b>Form</b>	Solid
<b>Purity</b>	98%
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	<i>t</i> -Boc- <i>N</i> -Amido-PEG10-propargyl is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions to form triazole linkage with azide-bearing compounds or biomolecules, making it ideal for modifying biomolecules and studying protein interactions.
<b>Storage</b>	Store at -20°C.