

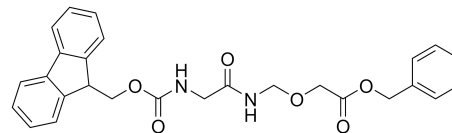
## Product Information

### Alkyne/Maleimide PEG reagent, Mal-amido-PEG4-alkyne, Purity 98%

**Cat. No.:** X24-10-WXX127

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

**Synonym:** Alkyne/Maleimide PEG reagent; Mal-amido-PEG4-alkyne



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

#### Product Information

<b>Description</b>	Mal-amido-PEG4-alkyne is a reagent grade short PEG linker featuring a maleimide and a terminal alkyne. Maleimide is a reagent grade covalent ligand used for linking thiols such as those in cysteine residues in proteins, while terminal alkynes are used in copper (I) click chemistry with azides on target molecules.
<b>Molecular Weight</b>	382.4
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>26</sub> N <sub>2</sub> O <sub>7</sub>
<b>Functional Group 1</b>	Alkyne
<b>Functional Group 2</b>	Maleimide
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Azide
<b>Reactive Group 2</b>	Thiol
<b>Form</b>	Solid
<b>Purity</b>	98%
<b>Solubility</b>	DMSO, DCM, DMF
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	Mal-amido-PEG4-alkyne plays a crucial role in developing targeted compound conjugates, facilitating selective delivery to specific cell types.
<b>Storage</b>	Store at -20°C.