

## Product Information

### Azide PEG reagent, *N*-(Azide-PEG8)-*N*-bis(PEG8-NH-Boc), Purity 98%

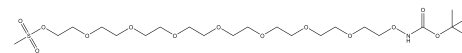
**Cat. No.:** X24-09-YYX345

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

**Synonym:** Azide-PEG8-bis(PEG8-*N*-Boc); *N*-(Azido-Polyethylene Glycol

8)-*N*-bis(PEG8-*N*-Boc); Azido-PEG8-bis(PEG8-Boc-amide); *N*-(Azido-

PEG8)-*N*-bis(*tert*-Butoxycarbonyl-PEG8)



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

#### Product Information

<b>Description</b>	This molecule consists of an azide-functionalized PEG8 group and two PEG8 chains with NH-Boc groups. The long PEG8 chains contribute to improved biocompatibility and solubility. The azide group allows for specific chemical couplings, and the NH-Boc groups offer protection and control in synthetic processes.
<b>Molecular Weight</b>	1429.8
<b>Molecular Formula</b>	C <sub>64</sub> H <sub>128</sub> N <sub>6</sub> O <sub>28</sub>
<b>Functional Group 1</b>	Azide
<b>Functional Group 2</b>	Boc
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Alkynyl
<b>Form</b>	Solid
<b>Purity</b>	98%
<b>Solubility</b>	Water, DMSO, DMF
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	In the development of drug delivery carriers, it can be incorporated to control the release kinetics and targeting properties of the carrier.
<b>Storage</b>	Store at -20°C.