

## Product Information

### Hydroxyl/Propargyl PEG reagent, Hydroxy-amino-bis(PEG2-propargyl), Purity 98%

**Cat. No.:** X24-10-WXX171

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

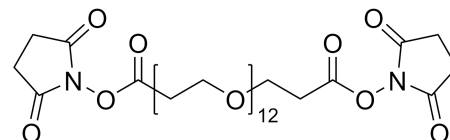
**CAS Number:** 2100306-77-0

**PubChem CID:** 126480438

**Synonym:** Hydroxy-amino-bis(PEG2-propargyl); 2100306-77-0; DTXSID801190080;

AKOS040741848

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



#### Product Information

<b>Description</b>	Hydroxy-amino-bis(PEG2-propargyl) is a reagent grade 3-arm linker with two propargyl groups and a terminal hydroxy group, designed for copper-catalyzed azide-alkyne click chemistry reactions.
<b>Molecular Weight</b>	313.4
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>27</sub> NO <sub>5</sub>
<b>Functional Group 1</b>	Hydroxyl
<b>Functional Group 2</b>	Propargyl
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Azide
<b>IUPAC Name</b>	2-[bis[2-(2-prop-2-ynoxyethoxy)ethyl]amino]ethanol
<b>InChI</b>	InChI=1S/C16H27NO5/c1-3-9-19-13-15-21-11-6-17(5-8-18)7-12-22-16-14-20-10-4-2/h1-2,18H,5-16H2
<b>InChI Key</b>	CFAWPKGCJLYIOW-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C#CCOCCOCCN(CCO)CCOCCOCC#C
<b>Form</b>	Liquid
<b>Purity</b>	98%
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	Hydroxy-amino-bis(PEG2-propargyl) is used in molecular biology and bioconjugation research, facilitating efficient copper-catalyzed click chemistry reactions to yield a stable triazole linkage, making it ideal for studying protein interactions and developing targeted drug delivery systems.
<b>Storage</b>	Store at -20°C.

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: [info@bioglyco.com](mailto:info@bioglyco.com)

---