

## Product Information

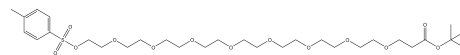
### Azide PEG reagent, 1,2,3-Propanetriyltris(oxy)tris[PEG5-azide], Purity 98%

**Cat. No.:** X24-09-YYX362

**Size:** 50 mg; 100 mg; 250 mg

**Synonym:** Tris[Azido-PEG5] propanetriol ether; 1,2,3-Propanetriol tris[PEG5-azide];  
Propanetriol tris(oxy)tris[PEG5-azide]; 1,2,3-Propanetriyl tri(azido-PEG5)

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



#### Product Information

<b>Description</b>	1,2,3-Propanetriyltris(oxy)tris[PEG5-azide] is available at reagent grade intended for research applications.
<b>Molecular Weight</b>	827.9
<b>Molecular Formula</b>	C <sub>33</sub> H <sub>65</sub> N <sub>9</sub> O <sub>15</sub>
<b>Functional Group 1</b>	Azide
<b>Functional Group 2</b>	Ether
<b>Functional Group 3</b>	None
<b>Reactive Group 1</b>	Alkynyl
<b>IUPAC Name</b>	1,2,3-tris[2-[2-[2-[2-(2-Azidoethoxy)ethoxy]ethoxy]ethoxy]ethoxy]propane
<b>InChI</b>	InChI=1S/C33H65N9O15/c34-40-37-1-4-43-7-10-46-13-16-49-19-21-52-25-27-55-31-33(57-30-29-54-24-23-51-18-15-48-12-9-45-6-3-39-42-36)32-56-28-26-53-22-20-50-17-14-47-11-8-44-5-2-38-41-35/h33H,1-32H2
<b>InChI Key</b>	MIFOIAKDYBNKOD-UHFFFAOYSA-N
<b>Canonical SMILES</b>	C(COCCOCCOCCOCCOCC(COCCOCCOCCOCCOCCN=[N+]=[N-])OCCOCCOCCOCCOCCN=[N+]=[N-])N=[N+]=[N-]
<b>Form</b>	Solid
<b>Purity</b>	98%
<b>Solubility</b>	Water, DMSO, DCM, DMF
<b>Identity</b>	Confirmed by NMR.
<b>Applications</b>	This compound can be used in the development of cross-linked polymer networks or hydrogels for various applications such as tissue engineering or drug release.
<b>Storage</b>	Store at -20°C.