

## Product Information

### Hydroxyl PEG reagent, Bis(m-PEG4)-N-OH, Purity 98%

**Cat. No.:** X24-10-WXX285

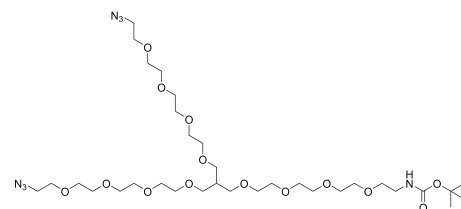
**Size:** 250 mg; 500 mg

**CAS Number:** 2182601-79-0

**PubChem CID:** 131709293

**Synonym:** Bis(m-PEG4)-N-OH; 2182601-79-0; AKOS040743058

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



#### Product Information

Description	Bis(m-PEG4)-N-OH is a reagent grade PEG linker with two PEG spacers connected by an -NOH group. The PEG spacer increases water solubility.
Molecular Weight	413.5
Molecular Formula	C <sub>18</sub> H <sub>39</sub> NO <sub>9</sub>
Functional Group 1	Hydroxyl
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Acid
IUPAC Name	<i>N,N</i> -bis[2-[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]ethyl]hydroxylamine
InChI	InChI=1S/C18H39NO9/c1-21-7-9-25-15-17-27-13-11-23-5-3-19(20)4-6-24-12-14-28-18-16-26-10-8-22-2/h20H,3-18H2,1-2H3
InChI Key	SHFFXGVDVNYUOA-UHFFFAOYSA-N
Canonical SMILES	COCCOCCOCCOCCN(CCOCOCOCOCOC)O
Form	Solid
Purity	98%
Identity	Confirmed by NMR.
Applications	Bis(m-PEG4)-N-OH has versatility and supports applications in drug delivery systems designed to target specific cells or tissues while minimizing toxicity and side effects.
Storage	Store at -20°C.