

Product Information

Amino/Hydroxy PEG reagent, NH-bis(PEG1-OH), Purity 98%

Cat. No.: X24-10-WXX217

Size: 250 mg; 500 mg; 1 g

MDL: MFCD00239212

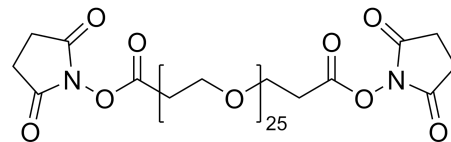
CAS Number: 54384-47-3

PubChem CID: 12212447

Synonym: 54384-47-3; NH-bis(PEG1-OH); NH-bis-PEG2;

2-(2-([2-(2-Hydroxyethoxy)ethyl]amino)ethoxy)ethan-1-ol; MFCD00239212

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



Product Information

Description	NH-bis(PEG1-OH) is a reagent grade used to conjugate with carboxylic acid in the presence of activators (EDC, HATU, etc).
Molecular Weight	193.2
Molecular Formula	C ₈ H ₁₉ NO ₄
Functional Group 1	Amine
Functional Group 2	Hydroxyl
Functional Group 3	None
Reactive Group 1	Acid
IUPAC Name	2-[2-[2-(2-hydroxyethoxy)ethylamino]ethoxy]ethanol
InChI	InChI=1S/C8H19NO4/c10-3-7-12-5-1-9-2-6-13-8-4-11/h9-11H,1-8H2
InChI Key	HPYJVTFKENYYFK-UHFFFAOYSA-N
Canonical SMILES	C(COCCO)NCCOCCO
Form	Liquid
Purity	98%
Solubility	Water, DMSO, DCM, DMF
Identity	Confirmed by NMR.
Applications	NH-bis(PEG1-OH) is utilized in various bioconjugation strategies and provides a simple and effective means to connect drugs or delivery vehicles to biomolecules and enhance their solubility.
Storage	Store at -20°C.

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