

Product Information

Acid PEG reagent, NH-bis(PEG3-acid) HCl salt, Purity 98%

Cat. No.: X24-10-WXX233

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

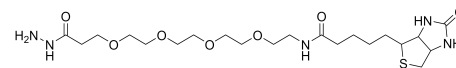
CAS Number: 1814901-04-6

PubChem CID: 123132147

Synonym: Acid-apeg6-acid; NH-bis(PEG3-acid); 1814901-04-6; NH-bis(PEG3-acid)

HCl salt; 4,7,10,16,19,22-Hexaoxa-13-azapentacosanedioic acid

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



Product Information

Description	NH-bis(PEG3-acid) HCl salt is a reagent grade branched PEG molecule that is reactive with activated NHS esters.
Molecular Weight	425.5
Molecular Formula	C ₁₈ H ₃₅ NO ₁₀
Functional Group 1	Acid
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Amine
Reactive Group 2	NHS ester
IUPAC Name	3-[2-[2-[2-[2-[2-(2-carboxyethoxy)ethoxy]ethoxy]ethylamino]ethoxy]ethoxy]ethoxy]propanoic acid
InChI	InChI=1S/C18H35NO10/c20-17(21)1-5-24-9-13-28-15-11-26-7-3-19-4-8-27-12-16-29-14-10-25-6-2-18(22)23/h19H,1-16H2,(H,20,21)(H,22,23)
InChI Key	SOBFCIHPQNRZEE-UHFFFAOYSA-N
Canonical SMILES	C(COCCOCCOCCNCCOCCOCCOCCC(=O)O)C(=O)O
Form	Liquid
Purity	98%
Identity	Confirmed by NMR.
Applications	NH-bis(PEG3-acid) HCl salt is used in the development of drug delivery systems that require enhanced bioavailability and solubility of therapeutic agents while serving as a precursor for generating cross-linked networks to encapsulate drugs or other biologically active agents.
Storage	Store at -20°C.

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