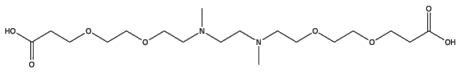
SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

Product Information

Carboxylic acid PEG reagent, *N,N′*-DME-*N,N′*-Bis-PEG2-acid, Purity 95%



Cat. No.: X24-03-YW0096

Size: 250 mg; 500 mg

CAS Number: 2062663-61-8

PubChem CID: 137334033

Synonym: 2062663-61-8; *N,N′*-DME-*N,N′*-Bis-PEG2-acid;

10,13-Dimethyl-4,7,16,19-tetraoxa-10,13-diazadocosanedioic acid; AKOS040743709;

BP-24237

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

Product Information

Description	*N,N′*-DME-*N,N′*-Bis-PEG2-acid is a research-grade compound designed for scientific investigations. It features a bis-PEG linker with two terminal carboxylic acid groups.
Molecular Weight	408.5
Molecular Formula	$C_{18}H_{36}N_2O_8$
Functional Group 1	Carboxylic acid
Functional Group 2	None
Functional Group 3	None
Reactive Group 1	Amine
IUPAC Name	3-[2-[2-[2-[2-[2-(2-Carboxyethoxy)ethoxy]ethyl-methylamino]ethyl-methylamino]ethoxy]ethoxy]propanoic acid
InChI	InChI=1S/C18H36N2O8/c1-19(7-11-27-15-13-25-9-3-17(21)22)5-6-20(2)8-12-28-16-14-26-10-4-18(23)24/h3-16H2,1-2H3,(H,21,22)(H,23,24)
InChI Key	LCVJNRDGGKVUKH-UHFFFAOYSA-N
Canonical SMILES	CN(CCN(C)CCOCCOCCC(=O)O)CCOCCOCCC(=O)O
Form	Reported
Purity	95%
Identity	Confirmed by NMR.
Applications	N,N'-DME-N,N'-Bis-PEG2-acid can be used in research settings for the synthesis of various bioconjugates, including drug delivery systems, biomaterials, and diagnostic tools. Its ability to form stable amide bonds with primary amine groups makes it suitable for creating customized conjugates

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-637-6119 | Email: info@bioglyco.com

	tailored to specific research needs.
Storage	Store at -20°C