

NH-bis(PEG8-OH)

Chemical Properties

CAS No. : 2793446-59-8

Formula: C₃₆H₇₅N₁₈O₁₈

Molecular Weight: 809.977

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	NH-bis(PEG8-OH) is a bifunctional reagent comprising two alcohol groups linked by a secondary amine. The alcohol groups can react with carboxylic acids to form esters, while the secondary amine serves as a nucleophile, allowing it to connect with ketones, aldehydes, and carboxylic acids. The PEG spacer confers water solubility, potentially altering the molecule's DMPK properties.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2346 mL	6.173 mL	12.346 mL
5 mM	0.2469 mL	1.2346 mL	2.4692 mL
10 mM	0.1235 mL	0.6173 mL	1.2346 mL
50 mM	0.0247 mL	0.1235 mL	0.2469 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481