

Iodoacetamido-PEG8-acid

Chemical Properties

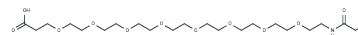
CAS No. : 1698019-88-3

Formula: C₂₁H₄₀INO₁₁

Molecular Weight: 609.447

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	Iodoacetamido-PEG8-acid is a PEG reagent featuring an iodoacetamide group and a carboxylic acid moiety. The terminal carboxylic acid reacts with primary amine groups in the presence of activators (such as EDC or HATU) to form stable amide bonds. The iodoacetamide group acts as an alkylating agent and can covalently bond with thiol groups.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6408 mL	8.2041 mL	16.4082 mL
5 mM	0.3282 mL	1.6408 mL	3.2816 mL
10 mM	0.1641 mL	0.8204 mL	1.6408 mL
50 mM	0.0328 mL	0.1641 mL	0.3282 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