

Thiol-PEG1-acid

Chemical Properties

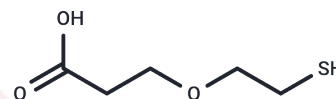
CAS No. : 1260092-48-5

Formula: C₅H₁₀O₃S

Molecular Weight: 150.20

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	Thiol-PEG1-acid (SH-PEG1-COOH) is a PEG derivative composed of a thiol (-SH), one PEG unit, and a carboxyl (-COOH) group. The thiol group is highly reactive, capable of specifically interacting with various molecules to form stable covalent bonds. The carboxyl group can readily form stable amide bonds with amino groups or ester bonds with hydroxyl groups.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6578 mL	33.2889 mL	66.5779 mL
5 mM	1.3316 mL	6.6578 mL	13.3156 mL
10 mM	0.6658 mL	3.3289 mL	6.6578 mL
50 mM	0.1332 mL	0.6658 mL	1.3316 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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