

Aminoxy-PEG1-amine

Chemical Properties

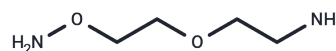
CAS No. : 1510385-08-6

Formula: C₄H₁₂N₂O₂

Molecular Weight: 120.15

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	Aminoxy-PEG1-amine is a chemical reagent containing an aminoxy group and a primary amine. The aminoxy group can react with aldehydes to form oxime bonds, and with reductive agents, it can create hydroxylamine bonds. The amine group can interact with activated NHS esters or carboxylic acids in the presence of the coupling agent EDC. Compounds with aminoxy groups are highly reactive and sensitive, and should not be stored for long periods.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.3229 mL	41.6146 mL	83.2293 mL
5 mM	1.6646 mL	8.3229 mL	16.6459 mL
10 mM	0.8323 mL	4.1615 mL	8.3229 mL
50 mM	0.1665 mL	0.8323 mL	1.6646 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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