

Bromo-PEG2-methyl ester

Chemical Properties

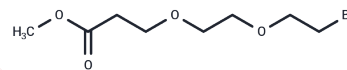
CAS No. : 2468714-95-4

Formula: C₈H₁₅BrO₄

Molecular Weight: 255.106

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

Bromo-PEG2-methyl ester is a PEG linker featuring a bromine moiety and a methyl ester group. Bromine (Br) serves as an excellent leaving group in nucleophilic substitution reactions. The hydrophilic PEG spacer enhances its solubility in aqueous media. The methyl ester is subject to hydrolysis under strongly basic conditions.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9199 mL	19.5994 mL	39.1988 mL
5 mM	0.784 mL	3.9199 mL	7.8398 mL
10 mM	0.392 mL	1.9599 mL	3.9199 mL
50 mM	0.0784 mL	0.392 mL	0.784 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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