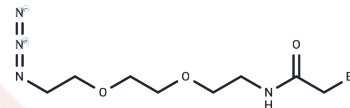


## Bromoacetamido-PEG2-azide

## Chemical Properties

CAS No. : 932741-12-3  
 Formula: C<sub>8</sub>H<sub>15</sub>BrN<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 295.134  
 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** Bromoacetamido-PEG2-azide is a heterobifunctional PEG linker featuring a highly reactive bromoacetamide group and a terminal azide. The bromoacetamide moiety serves as a very reactive nucleophilic substitution group, while the azide group can participate in Click Chemistry, reacting with alkynes, BCN, or DBCO.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3883 mL	16.9417 mL	33.8834 mL
5 mM	0.6777 mL	3.3883 mL	6.7767 mL
10 mM	0.3388 mL	1.6942 mL	3.3883 mL
50 mM	0.0678 mL	0.3388 mL	0.6777 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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