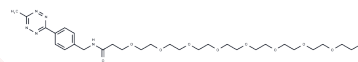


Methyltetrazine-amido-PEG8-amine Trifluoroacetate

Chemical Properties

CAS No. : 2143958-58-9
 Formula: C₂₉H₄₈N₆O₉
 Molecular Weight: 624.726
 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	Methyltetrazine-amido-PEG8-amine Trifluoroacetate is a heterobifunctional linker with a terminal methyltetrazine group, allowing it to react with TCO-containing compounds without the need for Cu-catalysis or high temperatures. It also features a terminal amine capable of specifically and efficiently reacting with NHS esters. The PEG spacer enhances water solubility.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6007 mL	8.0035 mL	16.0069 mL
5 mM	0.3201 mL	1.6007 mL	3.2014 mL
10 mM	0.1601 mL	0.8003 mL	1.6007 mL
50 mM	0.032 mL	0.1601 mL	0.3201 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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