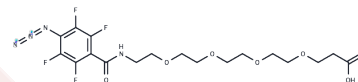


4-Azide-TFP-amide-PEG4-acid

Chemical Properties

CAS No. : 2566404-74-6
 Formula: C₁₈H₂₂F₄N₄O₇
 Molecular Weight: 482.384
 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	4-Azide-TFP-amide-PEG4-acid contains an aryl azide and a carboxylic acid, with a PEG spacer to enhance solubility and reduce steric hindrance during the conjugation process. The aryl azide can be photoactivated by UV light (250 to 350 nm) to bond with biomolecules. Fluorine stabilizes radical intermediates. The carboxylic acid can react with amines in the presence of a coupling agent to form an amide bond.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0731 mL	10.3653 mL	20.7305 mL
5 mM	0.4146 mL	2.0731 mL	4.1461 mL
10 mM	0.2073 mL	1.0365 mL	2.0731 mL
50 mM	0.0415 mL	0.2073 mL	0.4146 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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