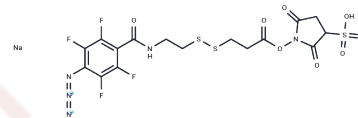


4-Azide-TFP-amide-SS-Sulfo-NHS

Chemical Properties

CAS No. :	220446-74-2
Formula:	C ₁₆ H ₁₃ F ₄ N ₅ NaO ₈ S ₃
Molecular Weight:	598.482
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-SS-Sulfo-NHS comprises an aryl azide, a cleavable disulfide bond, and an NHS ester. The aryl azide can be photoactivated by ultraviolet light (250 to 350 nm) to bind with biomolecules, while fluorine aids in stabilizing radical intermediates. The NHS ester reacts with amines, and the disulfide bond is cleavable by reducing agents.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6709 mL	8.3545 mL	16.709 mL
5 mM	0.3342 mL	1.6709 mL	3.3418 mL
10 mM	0.1671 mL	0.8354 mL	1.6709 mL
50 mM	0.0334 mL	0.1671 mL	0.3342 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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