Data Sheet (Cat.No.TYD-02103)

TargetMol

3-((2-(2,2,2-Trifluoroacetamido)ethyl)disulfanyl)propanoic acid

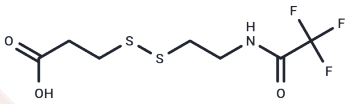
Chemical Properties

CAS No. : 2401831-98-7

Formula: C7H10F3NO3S2

Molecular Weight: 277.284

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	3-((2-(2,2,2-Trifluoroacetamido)ethyl)disulfanyl)propanoic acid is a cleavable linker containing a carboxylic acid group. In the presence of activators such as EDC or HATU, the terminal carboxyl group can react with primary amines to form a stable amide bond. The disulfide bond can be cleaved through a reduction reaction.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6065 mL	18.0323 mL	36.0646 mL
5 mM	0.7213 mL	3.6065 mL	7.2129 mL
10 mM	0.3606 mL	1.8032 mL	3.6065 mL
50 mM	0.0721 mL	0.3606 mL	0.7213 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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