

ThioD

Chemical Properties

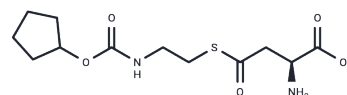
CAS No. : 2206682-00-8

Formula: C₁₂H₂₀N₂O₅S

Molecular Weight: 304.36

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ThioD is a thioester-activated aspartic acid.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2856 mL	16.4279 mL	32.8558 mL
5 mM	0.6571 mL	3.2856 mL	6.5712 mL
10 mM	0.3286 mL	1.6428 mL	3.2856 mL
50 mM	0.0657 mL	0.3286 mL	0.6571 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.

Reference

Xuan W, Collins D, Koh M, Shao S, Yao A, Xiao H, Garner P, Schultz PG. Site-Specific Incorporation of a Thioester Containing Amino Acid into Proteins. ACS Chem Biol. 2018 Mar 16;13(3):578-581. doi: 10.1021/acscchembio.

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