

3-(2-Pyridyldithio)propanoic Acid

Chemical Properties

CAS No. : 68617-64-1

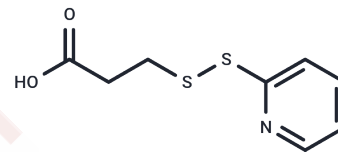
Formula: C₈H₉NO₂S₂

Molecular Weight: 215.29

Keep away from direct sunlight

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-Pyridyldithio)propanoic Acid is an alkyl chain-derived PROTAC linker used for synthesizing PROTACs [1].
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands connected by a linker: one ligand targets an E3 ubiquitin ligase, while the other targets the desired protein. They utilize the intracellular ubiquitin-proteasome system to selectively degrade target proteins [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6449 mL	23.2245 mL	46.449 mL
5 mM	0.929 mL	4.6449 mL	9.2898 mL
10 mM	0.4645 mL	2.3224 mL	4.6449 mL
50 mM	0.0929 mL	0.4645 mL	0.929 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.

Reference

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481