

4-oxo-4-(2-Thienyl)butyric acid

Chemical Properties

CAS No. : 4653-08-1

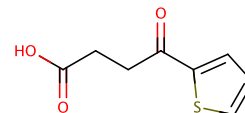
Formula: C₈H₈O₃S

Molecular Weight: 184.21

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

4-oxo-4-(2-Thienyl)butyric acid, with CAS No. 4653-08-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4-oxo-4-(2-Thienyl)butyric acid provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4286 mL	27.1429 mL	54.2859 mL
5 mM	1.0857 mL	5.4286 mL	10.8572 mL
10 mM	0.5429 mL	2.7143 mL	5.4286 mL
50 mM	0.1086 mL	0.5429 mL	1.0857 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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