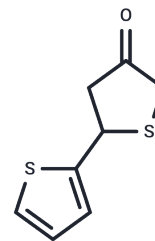


## 5-(2-Thienyl)tetrahydrothiophen-3-one

## Chemical Properties

CAS No. : 108372-48-1  
Formula: C<sub>8</sub>H<sub>8</sub>O<sub>2</sub>S  
Molecular Weight: 184.28  
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** 5-(2-Thienyl)tetrahydrothiophen-3-one, with CAS No. 108372-48-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 5-(2-Thienyl)tetrahydrothiophen-3-one 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	5.4265 mL	27.1326 mL	54.2652 mL
5 mM	1.0853 mL	5.4265 mL	10.853 mL
10 mM	0.5427 mL	2.7133 mL	5.4265 mL
50 mM	0.1085 mL	0.5427 mL	1.0853 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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