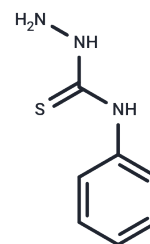


## 4-phenyl-3-thio-semicarbazid

## Chemical Properties

CAS No. :	5351-69-9
Formula:	C7H9N3S
Molecular Weight:	167.23
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-phenyl-3-thio-semicarbazid, with CAS No. 5351-69-9, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4-phenyl-3-thio-semicarbazid 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.
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## Solubility Information

Solubility	DMSO: 33.45 mg/mL (200.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.9798 mL	29.8989 mL	59.7979 mL
5 mM	1.196 mL	5.9798 mL	11.9596 mL
10 mM	0.598 mL	2.9899 mL	5.9798 mL
50 mM	0.1196 mL	0.598 mL	1.196 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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