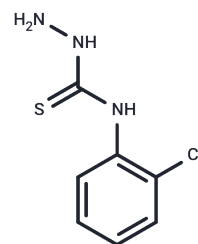


4-(2-CHLOROPHENYL)-3-THIOSEMICARBAZIDE

Chemical Properties

CAS No. :	42135-75-1
Formula:	C7H8ClN3S
Molecular Weight:	201.68
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-(2-CHLOROPHENYL)-3-THIOSEMICARBAZIDE, with CAS No. 42135-75-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 4-(2-CHLOROPHENYL)-3-THIOSEMICARBAZIDE 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: 40.34 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	4.9583 mL	24.7917 mL	49.5835 mL
5 mM	0.9917 mL	4.9583 mL	9.9167 mL
10 mM	0.4958 mL	2.4792 mL	4.9583 mL
50 mM	0.0992 mL	0.4958 mL	0.9917 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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