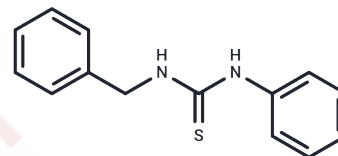


1-Benzyl-3-Phenylthiourea

Chemical Properties

CAS No. :	726-25-0
Formula:	C ₁₄ H ₁₄ N ₂ S
Molecular Weight:	242.34
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	1-Benzyl-3-Phenylthiourea (1-Benzyl-3-Phenyl-2-Thiourea) can be used as a sensing material for the detection of nerve agents and related stimulants.
Targets(IC50)	Others,Endogenous Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (206.32 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1264 mL	20.6322 mL	41.2643 mL
5 mM	0.8253 mL	4.1264 mL	8.2529 mL
10 mM	0.4126 mL	2.0632 mL	4.1264 mL
50 mM	0.0825 mL	0.4126 mL	0.8253 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

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