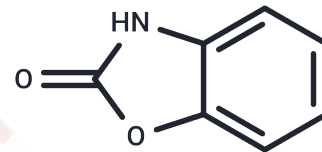


2-Benzoxazolinone

Chemical Properties

CAS No. :	59-49-4
Formula:	C7H5NO2
Molecular Weight:	135.12
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	2-Benzoxazolinone (2-Hydroxybenzoxazole) is found in cereals and cereal products. 2-Benzoxazolinone is found in rye seedlings.
Targets(IC50)	Parasite

Solubility Information

Solubility	DMSO: < 1.35 mg/mL (10 mM, insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.4008 mL	37.0041 mL	74.0083 mL
5 mM	1.4802 mL	7.4008 mL	14.8017 mL
10 mM	0.7401 mL	3.7004 mL	7.4008 mL
50 mM	0.148 mL	0.7401 mL	1.4802 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.

Reference

Kapil A, Sharma S, Wahidulla S. Leishmanicidal activity of 2-benzoxazolinone from *Acanthus illicifolius* in vitro[J]. *Planta Med.* 1994 Apr;60(2):187-8.

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