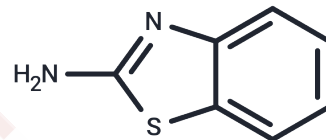


2-Benzothiazolamine

Chemical Properties

CAS No. :	136-95-8
Formula:	C7H6N2S
Molecular Weight:	150.2
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-Benzothiazolamine (2-ABT) is a nitrogen-containing heterocyclic compound used as a reaction intermediate in the synthesis of a variety of drugs. It inhibits cytochrome P450 activity and has also shown anti-inflammatory, anticonvulsant and anticancer activities in animal models.
Targets(IC50)	Others,IL Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (366.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (13.32 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6578 mL	33.2889 mL	66.5779 mL
5 mM	1.3316 mL	6.6578 mL	13.3156 mL
10 mM	0.6658 mL	3.3289 mL	6.6578 mL
50 mM	0.1332 mL	0.6658 mL	1.3316 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

Catalano A, et al. Eur J Med Chem. 2013 Jun;64:357-64.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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