

Sulfaquinoxaline

Chemical Properties

CAS No. : 59-40-5

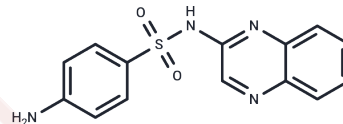
Formula: C₁₄H₁₂N₄O₂S

Molecular Weight: 300.34

Keep away from direct sunlight

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	Sulfaquinoxaline (Sulfabenzpyrazine) is an antiprotozoal agent.
Targets(IC50)	Antibacterial,Antibiotic,Parasite

Solubility Information

Solubility	H2O: 7.5 mg/L,Sonication is recommended. DMSO: 250 mg/mL (832.39 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: 5 mg/mL (16.65 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	3.3296 mL	16.6478 mL	33.2956 mL
5 mM	0.6659 mL	3.3296 mL	6.6591 mL
10 mM	0.333 mL	1.6648 mL	3.3296 mL
50 mM	0.0666 mL	0.333 mL	0.6659 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

Guo Y, et al. Anal Chem. 2010 Sep 15;82(18):7550-5.

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