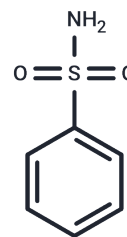


Benzenesulfonamide

Chemical Properties

CAS No. :	98-10-2
Formula:	C ₆ H ₇ NO ₂ S
Molecular Weight:	157.19
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	Benzenesulfonamide (Benzosulfonamide) is an inhibitor of carbonic anhydrases.
Targets(IC50)	Beta Amyloid,Carbonic Anhydrase,ROS

Solubility Information

Solubility	DMSO: 45 mg/mL (286.28 mM),Sonication is recommended. Ethanol: 29 mg/mL (184.49 mM),Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3617 mL	31.8086 mL	63.6173 mL
5 mM	1.2723 mL	6.3617 mL	12.7235 mL
10 mM	0.6362 mL	3.1809 mL	6.3617 mL
50 mM	0.1272 mL	0.6362 mL	1.2723 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

Rutkauskas K, et al. Molecules. 2014, 19(11):17356-80.

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