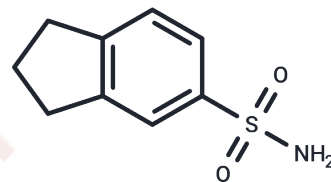


2,3-dihydro-1H-indene-5-sulfonamide

Chemical Properties

CAS No. :	35203-93-1
Formula:	C ₉ H ₁₁ NO ₂ S
Molecular Weight:	197.25
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	2,3-dihydro-1H-indene-5-sulfonamide is Carbonic anhydrase 12 (human) inhibitor.
Targets(IC50)	Carbonic Anhydrase

Solubility Information

Solubility	DMSO: 22.5 mg/mL (114.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0697 mL	25.3485 mL	50.6971 mL
5 mM	1.0139 mL	5.0697 mL	10.1394 mL
10 mM	0.507 mL	2.5349 mL	5.0697 mL
50 mM	0.1014 mL	0.507 mL	1.0139 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

Thiry A, et al. Indanesulfonamides as carbonic anhydrase inhibitors and anticonvulsant agents: structure-activity relationship and pharmacological evaluation. Eur J Med Chem. 2008 Dec;43(12):2853-60.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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