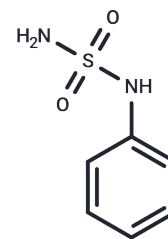


Phenylsulfamide

Chemical Properties

CAS No. :	15959-53-2
Formula:	C ₆ H ₈ N ₂ O ₂ S
Molecular Weight:	172.2
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	Phenylsulfamide (Compound 10), acting as an inhibitor of human carbonic anhydrase-II (hCA-II), exhibits a dissociation constant (Kd) of 45.50 μM and an inhibition constant (Ki) of 79.60 μM [1].
Targets(IC50)	Others,Carbonic Anhydrase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8072 mL	29.036 mL	58.072 mL
5 mM	1.1614 mL	5.8072 mL	11.6144 mL
10 mM	0.5807 mL	2.9036 mL	5.8072 mL
50 mM	0.1161 mL	0.5807 mL	1.1614 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481