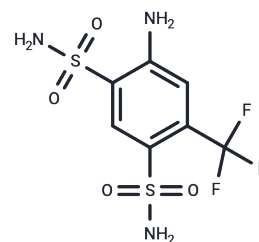


4-Amino-6-(trifluoromethyl)benzene-1,3-disulfonamide

Chemical Properties

CAS No. :	654-62-6
Formula:	C7H8F3N3O4S2
Molecular Weight:	319.28
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	4-Amino-6-(trifluoromethyl)benzene-1,3-disulfonamide (4-Amino-6-(trifluoromethyl)benzene-1,3-d) is a carbonic anhydrase inhibitor, used as a potential anti-tumor and antiglaucoma drug.
Targets(IC50)	Carbonic Anhydrase,PDE

Solubility Information

Solubility	DMSO: 60 mg/mL (187.92 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	3.132 mL	15.6602 mL	31.3205 mL
5 mM	0.6264 mL	3.132 mL	6.2641 mL
10 mM	0.3132 mL	1.566 mL	3.132 mL
50 mM	0.0626 mL	0.3132 mL	0.6264 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

Chohan ZH, Rauf A, Naseer MM, Somra MA, Supuran CT. Antibacterial, antifungal and cytotoxic properties of some sulfonamide-derived chromones. [J] J Enzyme Inhib Med Chem. 2006 Apr;21(2)

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