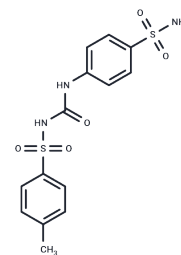


ts-SA

Chemical Properties

CAS No. : 100715-13-7
 Formula: C₁₄H₁₅N₃O₅S₂
 Molecular Weight: 369.42
 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	ts-SA is a metalloenzyme carbonic anhydrase (CA) inhibitor. It is active against 7 out of 10 human CA isoforms.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7069 mL	13.5347 mL	27.0695 mL
5 mM	0.5414 mL	2.7069 mL	5.4139 mL
10 mM	0.2707 mL	1.3535 mL	2.7069 mL
50 mM	0.0541 mL	0.2707 mL	0.5414 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

Bozdog M, Ferraroni M, Nuti E, Vullo D, Rossello A, Carta F, Scozzafava A, Supuran CT. Combining the tail and the ring approaches for obtaining potent and isoform-selective carbonic anhydrase inhibitors: solution and X-ray crystallographic studies. *Bioorg Med Chem.* 2014 Jan 1;22(1):334-40. doi: 10.1016/j.bmc.2013.11.016. Epub 2013 Nov 18. PubMed PMID: 24300919.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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