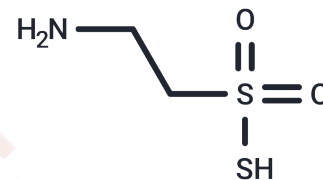


Thiotaurine

Chemical Properties

CAS No. :	2937-54-4
Formula:	C ₂ H ₇ NO ₂ S ₂
Molecular Weight:	141.212
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	Thiotaurine is a metabolite of Cystine. It serves as a sulfur donor and may participate in the activation of neutrophils and leukocyte energy metabolism by regulating the activity of GAPDH. Additionally, Thiotaurine is a potential anti-inflammatory and immunomodulatory agent.
Targets(IC50)	Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.0817 mL	35.4083 mL	70.8165 mL
5 mM	1.4163 mL	7.0817 mL	14.1633 mL
10 mM	0.7082 mL	3.5408 mL	7.0817 mL
50 mM	0.1416 mL	0.7082 mL	1.4163 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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