

Desmeninol

Chemical Properties

CAS No. : 583-91-5

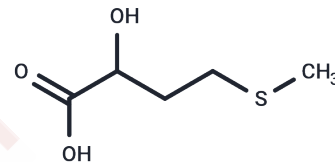
Formula: C₅H₁₀O₃S

Molecular Weight: 150.2

Keep away from direct sunlight

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	Desmeninol is an α -hydroxy analogue of methionine, which is widely used as feed additive for livestock and poultry, and used for balanced protein metabolism management of patients with renal insufficiency.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 200 mg/mL (1331.56 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6578 mL	33.2889 mL	66.5779 mL
5 mM	1.3316 mL	6.6578 mL	13.3156 mL
10 mM	0.6658 mL	3.3289 mL	6.6578 mL
50 mM	0.1332 mL	0.6658 mL	1.3316 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

Zhang, C., et al. Production of enantiopure (R)- or (S)-2-hydroxy-4-(methylthio)butanoic acid by multi-enzyme cascades. *Bioresour. Bioprocess.* 6, 9 (2019).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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