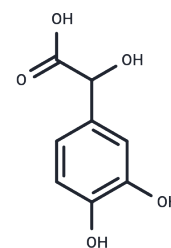


DL -3,4-Dihydroxymandelic acid

Chemical Properties

CAS No. :	14883-87-5
Formula:	C ₈ H ₈ O ₅
Molecular Weight:	184.15
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	3,4-Dihydroxymandelic acid is a minor metabolite of norepinephrine in humans. Patients with neuroblastoma experience elevated levels of 3,4-Dihydroxymandelic acid.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (271.52 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4304 mL	27.1518 mL	54.3036 mL
5 mM	1.0861 mL	5.4304 mL	10.8607 mL
10 mM	0.543 mL	2.7152 mL	5.4304 mL
50 mM	0.1086 mL	0.543 mL	1.0861 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

Goldstein DS, et al. Sources and significance of plasma levels of catechols and their metabolites in humans. J Pharmacol Exp Ther. 2003 Jun;305(3):800-11.

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