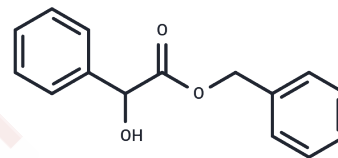


Benzylmandelate

Chemical Properties

CAS No. :	890-98-2
Formula:	C ₁₅ H ₁₄ O ₃
Molecular Weight:	242.27
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	Benzylmandelate is an agent of biochemical.
Targets(IC50)	Others

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1276 mL	20.6381 mL	41.2763 mL
5 mM	0.8255 mL	4.1276 mL	8.2553 mL
10 mM	0.4128 mL	2.0638 mL	4.1276 mL
50 mM	0.0826 mL	0.4128 mL	0.8255 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

Durand E, Lecomte J, Upasani R, Chabi B, Bayrasy C, Baréa B, Jublanc E, Clarke MJ, Moore DJ, Crowther J, Wrutniak-Cabello C, Villeneuve P. Evaluation of the ROS Inhibiting Activity and Mitochondrial Targeting of Phenolic Compounds in Fibroblast Cells Model System and Enhancement of Efficiency by Natural Deep Eutectic Solvent (NADES) Formulation. *Pharm Res.* 2017 May;34(5):1134-1146. doi: 10.1007/s11095-017-2124-4. Epub 2017 Feb 21. PubMed PMID: 28224387.

Friebolin V, Marten S, Albert K. Characterization of binding affinities in a chromatographic system by suspended state HR/MAS NMR spectroscopy. *Magn Reson Chem.* 2010 Feb;48(2):111-6. doi: 10.1002/mrc.2551. PubMed PMID: 19950216.

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