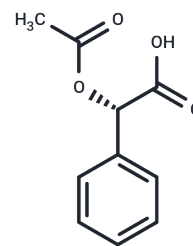


(+)-O-Acetyl-L-mandelic Acid

Chemical Properties

CAS No. :	7322-88-5
Formula:	C ₁₀ H ₁₀ O ₄
Molecular Weight:	194.18
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	(+)-O-Acetyl-L-mandelic Acid is an aromatic compound suitable for biochemical experiments and drug synthesis research.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1499 mL	25.7493 mL	51.4986 mL
5 mM	1.030 mL	5.1499 mL	10.2997 mL
10 mM	0.515 mL	2.5749 mL	5.1499 mL
50 mM	0.103 mL	0.515 mL	1.030 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

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Mills SJ, et al. Synthesis of D- and L-myo-inositol 1,2,4,6-tetrakisphosphate, regioisomers of myo-inositol 1,3,4,5-tetrakisphosphate: activity against Ins(1,4,5)P₃ binding proteins. *Org Biomol Chem*. 2003 Oct 21;1(20):3546-56.

Schuster A, et al. Chiral separation of pheniramine-like 3-phenyl-3-heteroarylpropylamines by CE and HPLC methods. *Chirality*. 2001 Jun;13(6):285-93.

Horne G, Potter BV. Synthesis of the enantiomers of 6-deoxy-myo-inositol 1,3,4,5-tetrakisphosphate, structural analogues of myo-inositol 1,3,4,5-tetrakisphosphate. *Chemistry*. 2001 Jan 5;7(1):80-7.

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