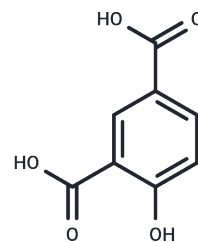


4-Hydroxyisophthalic acid

Chemical Properties

CAS No. :	636-46-4
Formula:	C ₈ H ₆ O ₅
Molecular Weight:	182.13
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	4-Hydroxyisophthalic acid is used as medical intermediate
Targets(IC50)	Others,Cholinesterase (ChE)

Solubility Information

Solubility	DMSO: 60 mg/mL (329.44 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 2.5 mg/mL (13.73 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.4906 mL	27.4529 mL	54.9058 mL
5 mM	1.0981 mL	5.4906 mL	10.9812 mL
10 mM	0.5491 mL	2.7453 mL	5.4906 mL
50 mM	0.1098 mL	0.5491 mL	1.0981 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

Piscopo E, et al. Boll Soc Ital Biol Sper. 1984 Jun 30;60(6):1169-75.

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