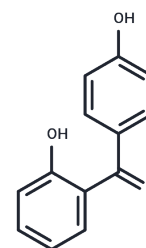


2,4'-Dihydroxybenzophenone

Chemical Properties

CAS No. :	606-12-2
Formula:	C13H10O3
Molecular Weight:	214.22
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	2,4'-Dihydroxybenzophenone can effectively protect C57BL/6J mice from APAP-induced hepatotoxicity. Its mechanisms might be associated with its Antioxidant activity.
Targets(IC50)	Estrogen Receptor/ERR,Others,Antioxidant

Solubility Information

Solubility	Ethanol: Soluble, DMSO: 55 mg/mL (256.75 mM),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	4.6681 mL	23.3405 mL	46.681 mL
5 mM	0.9336 mL	4.6681 mL	9.3362 mL
10 mM	0.4668 mL	2.334 mL	4.6681 mL
50 mM	0.0934 mL	0.4668 mL	0.9336 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

He YY, et al. Protective effects of 2,4-dihydroxybenzophenone against acetaminophen-induced hepatotoxicity in mice. World J Gastroenterol. 2011 Jun 7;17(21):2663-6.

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