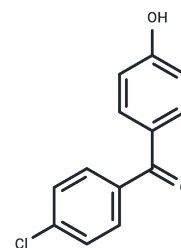


4-Chloro-4'-hydroxybenzophenone

Chemical Properties

CAS No. :	42019-78-3
Formula:	C ₁₃ H ₉ ClO ₂
Molecular Weight:	232.66
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-Chloro-4'-hydroxybenzophenone inhibits tyrosinase and also acts as a free radical scavenger or antioxidant, reducing lipid and protein oxidation.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (257.89 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	4.2981 mL	21.4906 mL	42.9812 mL
5 mM	0.8596 mL	4.2981 mL	8.5962 mL
10 mM	0.4298 mL	2.1491 mL	4.2981 mL
50 mM	0.086 mL	0.4298 mL	0.8596 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

Cox PJ, et al. Acta Crystallogr B. 2008 Apr;64(Pt 2):206-16.

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