

2-Hydroxyxanthone

Chemical Properties

CAS No. : 1915-98-6

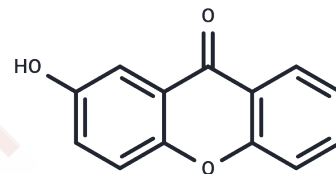
Formula: C₁₃H₈O₃

Molecular Weight: 212.2

Storage: Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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-Hydroxyxanthone is a naturally occurring flavonoid that inhibits the activity of Plasmodium falciparum K1, a potential inhibitor of PKC ζ and MAO-A, and inhibits the proliferation of K562 cells.
Targets(IC50)	MAO, Endogenous Metabolite, Parasite, PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7125 mL	23.5627 mL	47.1254 mL
5 mM	0.9425 mL	4.7125 mL	9.4251 mL
10 mM	0.4713 mL	2.3563 mL	4.7125 mL
50 mM	0.0943 mL	0.4713 mL	0.9425 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

Cytotoxic prenylated xanthenes from Calophyllum inophyllum. J Asian Nat Prod Res. 2008 Sep-Oct;10(9-10):993-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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