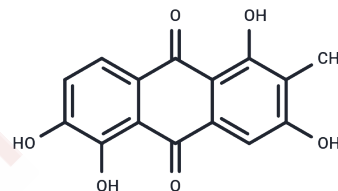


3-hydroxymorindone

Chemical Properties

CAS No. :	80368-74-7
Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
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	3-hydroxymorindone is a natural product from Morinda citrifolia. 3-hydroxymorindone is a pigment.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 15 mg/mL (52.4 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	3.4936 mL	17.4679 mL	34.9357 mL
5 mM	0.6987 mL	3.4936 mL	6.9871 mL
10 mM	0.3494 mL	1.7468 mL	3.4936 mL
50 mM	0.0699 mL	0.3494 mL	0.6987 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

Zhao F, et al. [Anthraquinones from the roots of Knoxia valerianoides]. Zhongguo Zhong Yao Za Zhi. 2011 Nov;36 (21):2980-6. Chinese.

A.K. Prusty, et al, Colourimetric analysis and antimicrobial study of natural dyes and dyed silk, Journal of Cleaner Production, Volume 18, Issues 16-17, 2010, Pages 1750-1756, ISSN 0959-6526.

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