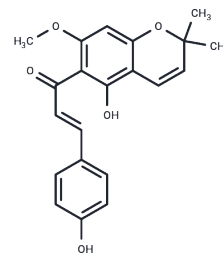


Xanthohumol C

Chemical Properties

CAS No. :	189299-05-6
Formula:	C ₂₁ H ₂₀ O ₅
Molecular Weight:	352.38
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Xanthohumol C is a natural chalcone with antibacterial activity that inhibits MCF-7, PC-3, and HT-29 cells.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: ≥ 80 mg/mL, 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	2.8378 mL	14.1892 mL	28.3785 mL
5 mM	0.5676 mL	2.8378 mL	5.6757 mL
10 mM	0.2838 mL	1.4189 mL	2.8378 mL
50 mM	0.0568 mL	0.2838 mL	0.5676 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

Wang WS, et al. New prenylchalcones from the hops of *Humulus lupulus*. J Asian Nat Prod Res. 2008 May-Jun;10(5-6):485-90.

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