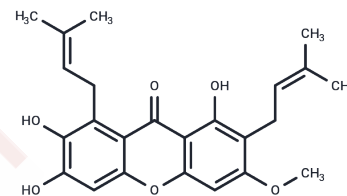


Dulcisxanthone B

Chemical Properties

CAS No. :	869669-62-5
Formula:	C ₂₄ H ₂₆ O ₆
Molecular Weight:	410.47
Storage:	Store at low temperature, 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	Dulcisxanthone B is a natural product found in <i>Garcinia dulcis</i> and has antibacterial activity, capable of inhibiting <i>B. subtilis</i> , <i>P. aeruginosa</i> , and <i>S. aureus</i> .
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4362 mL	12.1812 mL	24.3623 mL
5 mM	0.4872 mL	2.4362 mL	4.8725 mL
10 mM	0.2436 mL	1.2181 mL	2.4362 mL
50 mM	0.0487 mL	0.2436 mL	0.4872 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

- Deachathai S, et al. Phenolic compounds from the fruit of *Garcinia dulcis*. *Phytochemistry*. 2005;66(19):2368-2375.
Boonnak N, et al. Chromene and prenylated xanthenes from the roots of *Cratoxylum formosum* ssp. *pruniflorum*. *Chem Pharm Bull (Tokyo)*. 2010;58(3):386-389. doi:10.1248/cpb.58.386

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