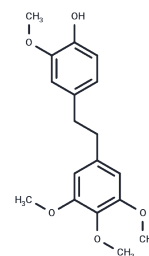


Crepidatin

Chemical Properties

CAS No. :	101508-50-3
Formula:	C ₁₈ H ₂₂ O ₅
Molecular Weight:	318.36
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	Crepidatin are primarily found in Dendrobium species and can serve as bioactive markers of orchid plants. Crepidatin is utilized in botanical and phytochemical research focused on orchid metabolite profiling, species authentication, and natural product marker identification within Dendrobium-derived systems.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1411 mL	15.7055 mL	31.411 mL
5 mM	0.6282 mL	3.1411 mL	6.2822 mL
10 mM	0.3141 mL	1.5705 mL	3.1411 mL
50 mM	0.0628 mL	0.3141 mL	0.6282 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

Chanvorachote P, et al. Anti-metastatic activities of bibenzyls from Dendrobium pulchellum. Nat Prod Commun. 2013;8(1):115-118.

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