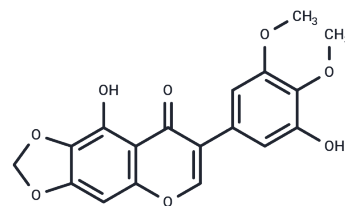


Dichotomitin

Chemical Properties

CAS No. :	88509-91-5
Formula:	C ₁₈ H ₁₄ O ₈
Molecular Weight:	358.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dichotomitin is a natural isoflavonoid isolated from the rhizomes of <i>Belamcanda chinensis</i> (L.) DC.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 4.5 mg/mL (12.56 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	2.791 mL	13.9548 mL	27.9096 mL
5 mM	0.5582 mL	2.791 mL	5.5819 mL
10 mM	0.2791 mL	1.3955 mL	2.791 mL
50 mM	0.0558 mL	0.2791 mL	0.5582 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.

Reference

Ž Aleksandar, Kostić, M Uroš, et al. Phytochemical Analysis and Total Antioxidant Capacity of Rhizome, Above-Ground Vegetative Parts and Flower of Three Iris Species.[J]. Chemistry & biodiversity, 2019.

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