

Iridin

Chemical Properties

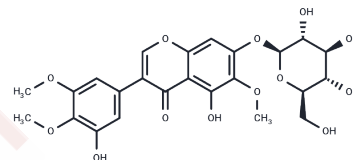
CAS No. : 491-74-7

Formula: C₂₄H₂₆O₁₃

Molecular Weight: 522.46

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Iridin (Lridin) is major active ingredient of Iris dichotoma which could be used as the drug for pain, inflammation treatment
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (105.27 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	1.914 mL	9.5701 mL	19.1402 mL
5 mM	0.3828 mL	1.914 mL	3.828 mL
10 mM	0.1914 mL	0.957 mL	1.914 mL
50 mM	0.0383 mL	0.1914 mL	0.3828 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

Xu L L, Zhang Y, Chai Y, et al. Differentiation of belamcandae rhizoma and iridis tectori rhizoma by thin-layer chromatography and high-performance liquid chromatography[J]. World Journal of Traditional Chinese Medicine. 2021

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