

Iristectorigenin A

Chemical Properties

CAS No. : 39012-01-6

Formula: C₁₇H₁₄O₇

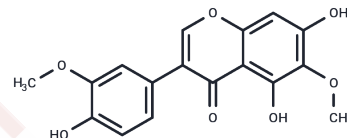
Molecular Weight: 330.29

Keep away from direct sunlight, Store at low temperature

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	Iristectorigenin A is a natural isoflavone isolated from the rhizomes of <i>B. chinensis</i> [with antioxidant activity].
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 150 mg/mL (454.15 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	3.0276 mL	15.1382 mL	30.2764 mL
5 mM	0.6055 mL	3.0276 mL	6.0553 mL
10 mM	0.3028 mL	1.5138 mL	3.0276 mL
50 mM	0.0606 mL	0.3028 mL	0.6055 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

Xie GY, et al. Phenolic metabolite profiles and antioxidants assay of three Iridaceae medicinal plants for traditional Chinese medicine "She-gan" by on-line HPLC-DAD coupled with chemiluminescence (CL) and ESI-Q-TOF-MS/MS.
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