Isoliquiritin

Catalog No.C14139 Batch:C1413903

Product Datasheet

Technical Data

Formula	$C_{21}H_{22}O_9$					
Molecular Weight	418.39	**CAS No.**	5041-81-6			
Solubility (25°C)*	In vitro	DMSO	84 mg/mL (200.76 mM)			
		Ethanol	5 mg/mL (11.95 mM)			
		Water	Insoluble			
	In vivo (Add solvents to the product individually and in order)	Oral Administration	Homogeneous suspension	CMC-NA	≥5mg/ml	Taking the 1 mL working solution as an example, add 5 mg of this product to 1 ml of CMC-Na solution, mix evenly to obtain a homogeneous suspension with a final concentration of 5 mg/ml.

* <1 mg/ml means slightly soluble or insoluble.
* Please note that Capsid Bio tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight batch-to-batch variations.
* Room temperature shipping (Stability testing shows this product can be shipped at 2-8°C for storage purposes.)

Preparing Stock Solutions

Concentration \ Volume \ Mass	1 mg	5 mg	10 mg
1 mM	2.3901 mL	11.9506 mL	23.9011 mL
5 mM	0.4780 mL	2.3901 mL	4.7802 mL
10 mM	0.2390 mL	1.1951 mL	2.3901 mL
50 mM	0.0478 mL	0.2390 mL	0.4780 mL

Biological Activity

Description	Isoliquiritin (Neoisoliquiritin) is a flavonoid glycoside compound from licorice possessing a broad spectrum of pharmacological activities including antioxidant, anti-inflammatory, and anti-depression activities.

RETURN POLICY

Capsid Bio's Unconditional Return Policy ensures a smooth online shopping experience for our customers. If you are in any way unsatisfied with your purchase, you may return any item(s) within 7 days of receiving it. In the event of product quality issues, either protocol related or product related problems, you may return any item(s) within 365 days from the original purchase date. Please follow the instructions below when returning products.

SHIPPING & STORAGE

Capsid Bio products are transported at room temperature. If you receive the product at room temperature, please rest assured, the Capsid Bio Quality Inspection Department has conducted experiments to verify that the normal temperature placement of one month will not affect the biological activity of powder products. After collecting, please store the product according to the requirements described in the datasheet. Most Capsid Bio products are stable under the recommended conditions.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

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