Product Datasheet

Technical Data

Formula	$C_{18}H_{16}O_5$					
Molecular Weight	312.32	**CAS No.**	973-67-1			
Solubility (25°C)*	In vitro	DMSO	31 mg/mL (99.25 mM)			
		Ethanol	10 mg/mL (32.01 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.
		Injection	Clear solution	10% DMSO [1]→ 40% PEG 300 [2]→ 5%Tween80 [3]→ 45% water Validated by Capsid Bio labs. Should you need adjustments to this formulation, contact our sales team for custom testing.	3.300mg/ml (10.57mM)	Taking the 1 mL working solution as an example, add 100 μL of 33mg/ml clear DMSO stock solution to 400 μL of PEG300, mix evenly to clarify it; add 50 μL of Tween80 to the above system, mix evenly to clarify it; then continue adding Dilute 450 μL ddH2O to 1 mL. The mixed solution should be used immediately for optimal results.

* <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	3.2018 mL	16.0092 mL	32.0184 mL
5 mM	0.6404 mL	3.2018 mL	6.4037 mL
10 mM	0.3202 mL	1.6009 mL	3.2018 mL
50 mM	0.0640 mL	0.3202 mL	0.6404 mL

Biological Activity

Description	5,6,7-Trimethoxyflavone (Baicalein Trimethyl Ether), methylations of the hydroxyl groups of oroxylin A or baicalein, has various pharmacological activities including antiviral, anticancer and antibacterial.

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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