Ecliptasaponin A

Catalog No.C14241 Batch:C1424103

Product Datasheet

Technical Data

Formula	$C_{36}H_{58}O_9$					
Molecular Weight	634.84	**CAS No.**	78285-90-2			
Solubility (25°C)*	In vitro	DMSO	100 mg/mL (157.52 mM)			
		Ethanol	100 mg/mL (157.52 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	1.5752 mL	7.8760 mL	15.7520 mL
5 mM	0.3150 mL	1.5752 mL	3.1504 mL
10 mM	0.1575 mL	0.7876 mL	1.5752 mL
50 mM	0.0315 mL	0.1575 mL	0.3150 mL

Biological Activity

Description	Ecliptasaponin A, a natural triterpenoid glucoside, has protective effects against the pulmonary fibrosis induced by bleomycin via reducing the oxidative stress, lung tissue inflammation, and the subsequent epithelial-mesenchymal transition.

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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