Shionone

Catalog No.C14107 Batch:C1410703

Product Datasheet

Technical Data

Formula	$C_{30}H_{50}O$		
Molecular Weight	426.72	**CAS No.**	10376-48-4
Solubility (25°C)*	In vitro	Ethanol	10 mg/mL (23.43 mM)

* <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	2.3435 mL	11.7173 mL	23.4346 mL
5 mM	0.4687 mL	2.3435 mL	4.6869 mL
10 mM	0.2343 mL	1.1717 mL	2.3435 mL
50 mM	-	-	-

Biological Activity

Description	Shionone is a triterpenoid component derived from the herbal medicine Aster tataricus, anit has anti-inflammatory properties. This compound specifically inhibits **NLRP3** inflammasome activation in vitro and in vivo.
Targets	NLRP3 [1]

References

https://pubmed.ncbi.nlm.nih.gov/33223465/

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.

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