

Tomentosin

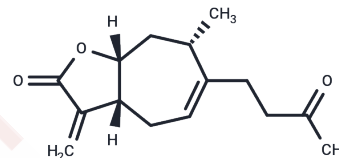
Chemical Properties

CAS No. : 33649-15-9

Formula: C₁₅H₂₀O₃

Molecular Weight: 248.32

Storage: Store at low temperature, Keep away from direct sunlight, Keep away from moisture
 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	Tomentosin, a sesquiterpene lactone extracted from Caspian sea raspberry, has potential anti-inflammatory and anticancer activities, promoting apoptosis and inhibiting proliferation, migration and invasion of pancreatic cancer cells.
Targets(IC50)	Apoptosis, Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0271 mL	20.1353 mL	40.2706 mL
5 mM	0.8054 mL	4.0271 mL	8.0541 mL
10 mM	0.4027 mL	2.0135 mL	4.0271 mL
50 mM	0.0805 mL	0.4027 mL	0.8054 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

Güçlü E, et al. Tomentosin induces apoptosis in pancreatic cancer cells through increasing reactive oxygen species and decreasing mitochondrial membrane potential. *Toxicol In Vitro*. 2022 Oct;84:105458.

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