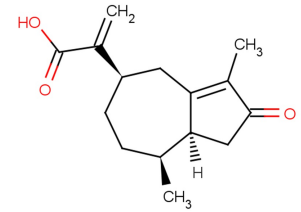


Data Sheet (Cat.No.T13875)

Rupestonic acid

Chemical Properties

CAS No.:	83161-56-2
Formula:	C ₁₅ H ₂₀ O ₃
Molecular Weight:	248.32
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Rupestonic acid is a sesquiterpene from <i>Artemisia rupestris</i> L, can inhibit the influenza virus
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.027 mL	20.135 mL	40.271 mL
5 mM	0.805 mL	4.027 mL	8.054 mL
10 mM	0.403 mL	2.014 mL	4.027 mL
50 mM	0.081 mL	0.403 mL	0.805 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Obul M, et al. Structural modification on rupestonic acid leads to highly potent inhibitors against influenza virus. *Mol Divers.* 2019 Feb;23(1):1-9.

Inhibitors · Natural Compounds · Compound Libraries

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