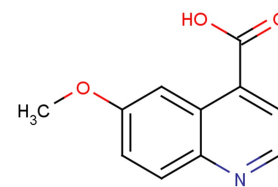


Quininic acid

Chemical Properties

CAS No.:	86-68-0
Formula:	C ₁₁ H ₉ NO ₃
Molecular Weight:	203.19
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Quininic acid is a natural product purified from Eucalyptus globulus, cinchona bark, and other plant products, is the most abundant organic acid.
Targets(IC ₅₀)	Others: None
In vitro	Quininic acid acts as an astringent and starting material for the synthesis of new pharmaceuticals, Quininic acid is the most abundant organic acid, representing up to 86.3% (average value) of all organic acids.

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	4.922 mL	24.608 mL	49.215 mL
5 mM	0.984 mL	4.922 mL	9.843 mL
10 mM	0.492 mL	2.461 mL	4.922 mL
50 mM	0.098 mL	0.492 mL	0.984 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. Jiang-tao Shi, et al. Seasonal changes of metabolites in phloem sap from

Inhibitors · Natural Compounds · Compound Libraries

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