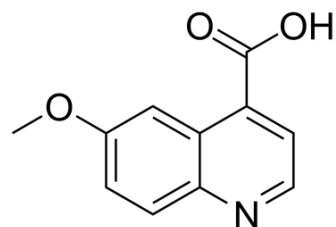


Quinic acid

Cat. No.:	HY-N7354		
CAS No.:	86-68-0		
Molecular Formula:	C ₁₁ H ₉ NO ₃		
Molecular Weight:	203.19		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 16.67 mg/mL (82.04 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	4.9215 mL	24.6075 mL	49.2150 mL
		5 mM	0.9843 mL	4.9215 mL	9.8430 mL
10 mM		0.4922 mL	2.4608 mL	4.9215 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 1.67 mg/mL (8.22 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.67 mg/mL (8.22 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Quinic acid, purified from Eucalyptus globulus, cinchona bark, and other plant products, is the most abundant organic acid ^[1] .
In Vitro	Quinic acid is the most abundant organic acid, representing up to 86.3% (average value) of all organic acids. Quinic acid acts as an astringent and starting material for the synthesis of new pharmaceuticals ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA