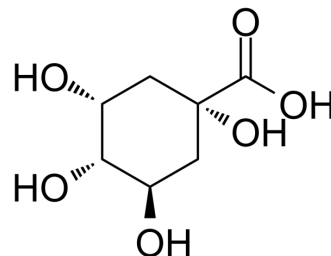


## D-(-)-Quinic acid

<b>Cat. No.:</b>	HY-N0464		
<b>CAS No.:</b>	77-95-2		
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>12</sub> O <sub>6</sub>		
<b>Molecular Weight:</b>	192.17		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

<b>In Vitro</b>	H <sub>2</sub> O : 125 mg/mL (650.48 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	<b>Preparing Stock Solutions</b>	1 mM	5.2038 mL	26.0191 mL	52.0382 mL
		5 mM	1.0408 mL	5.2038 mL	10.4076 mL
10 mM		0.5204 mL	2.6019 mL	5.2038 mL	
Please refer to the solubility information to select the appropriate solvent.					
<b>In Vivo</b>	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (520.38 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

<b>Description</b>	D-(-)-Quinic acid is a cyclohexanecarboxylic acid and is implicated in the perceived acidity of coffee.
<b>IC<sub>50</sub> &amp; Target</b>	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Phytomedicine. 2022 Jul;101:154113.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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