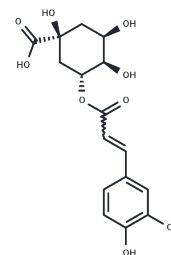


Chlorogenic Acid

Chemical Properties

CAS No. :	327-97-9
Formula:	C ₁₆ H ₁₈ O ₉
Molecular Weight:	354.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Chlorogenic Acid (NSC-407296) is a naturally occurring phenolic acid which is a carcinogenic inhibitor. It has also been shown to prevent paraquat-induced oxidative stress in rats.
Targets(IC50)	Others, Influenza Virus, Reactive Oxygen Species, HIF/HIF Prolyl-Hydroxylase, Endogenous Metabolite, Antibacterial

Solubility Information

Solubility	Ethanol: 66 mg/mL (186.3 mM), DMSO: 66 mg/mL (186.3 mM), H ₂ O: 10mg/ml (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8224 mL	14.1119 mL	28.2239 mL
5 mM	0.5645 mL	2.8224 mL	5.6448 mL
10 mM	0.2822 mL	1.4112 mL	2.8224 mL
50 mM	0.0564 mL	0.2822 mL	0.5645 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.

Reference

Illing EA, et al. Otolaryngol Head Neck Surg. 2015 Aug;153(2):291-7.
 Jang S A, Hwang Y H, Yang H, et al.
 Ethanolic extract of *Pyrosia lingua* (Thunb.) Farw. ameliorates OVX-induced bone loss and RANKL-induced

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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