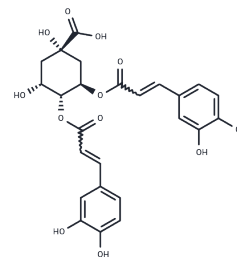


3,4-Dicaffeoylquinic acid

Chemical Properties

CAS No. :	14534-61-3
Formula:	C ₂₅ H ₂₄ O ₁₂
Molecular Weight:	516.45
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	3,4-Dicaffeoylquinic acid (Isochlorogenic acid B) has antioxidant activity.
Targets(IC50)	Apoptosis,Antioxidant,Endogenous Metabolite,Influenza Virus

Solubility Information

Solubility	DMSO: 30 mg/mL (58.09 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9363 mL	9.6815 mL	19.363 mL
5 mM	0.3873 mL	1.9363 mL	3.8726 mL
10 mM	0.1936 mL	0.9681 mL	1.9363 mL
50 mM	0.0387 mL	0.1936 mL	0.3873 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

- Chen, Yu-Chian C . Virtual Screening and Drug Design for PDE-5 Receptor from Traditional Chinese Medicine Database[J]. Journal of Biomolecular Structure and Dynamics, 2010, 27(5):627-640.
- Lee S J, Yang H, Kim S C, et al.Ethanol Extract of Radix Asteris Suppresses Osteoclast Differentiation and Alleviates Osteoporosis.International Journal of Molecular Sciences.2023, 24(22): 16526.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481