

4-O-Cinnamoylquinic acid

Chemical Properties

CAS No. : 5509-70-6

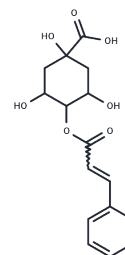
Formula: C₁₆H₁₈O₇

Molecular Weight: 322.31

Storage: Store at low temperature, Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	4-O-Cinnamoylquinic acid is a small molecule compound extracted from the dried fruits of <i>Casearia grewiifolia</i> , which has an inhibitory effect on prostaglandins and inhibits the production of superoxide anions in human neutrophils.
Targets(IC50)	Prostaglandin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1026 mL	15.513 mL	31.026 mL
5 mM	0.6205 mL	3.1026 mL	6.2052 mL
10 mM	0.3103 mL	1.5513 mL	3.1026 mL
50 mM	0.0621 mL	0.3103 mL	0.6205 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Yann-Lii Leu, et al. The inhibition of superoxide anion generation in human neutrophils by *Viscum coloratum*. *Chem Pharm Bull (Tokyo)*. 2006 Jul;54(7):1063-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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