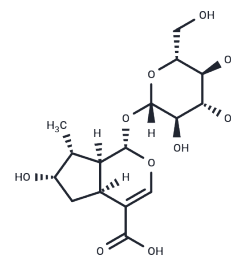


Loganic acid

Chemical Properties

CAS No. :	22255-40-9
Formula:	C ₁₆ H ₂₄ O ₁₀
Molecular Weight:	376.36
Appearance:	no data available
Storage:	store at low temperature, keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	1. Loganic acid (Loganate) and geniposide exhibit both sides effect on superoxide generation.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 68 mg/mL (180.68 mM), Sonication is recommended. Ethanol: Soluble, Pyridine, Methanol, etc.: Soluble, H ₂ O: 1 g/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.657 mL	13.2852 mL	26.5703 mL
5 mM	0.5314 mL	2.657 mL	5.3141 mL
10 mM	0.2657 mL	1.3285 mL	2.657 mL
50 mM	0.0531 mL	0.2657 mL	0.5314 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

Wei S, Chi H, Kodama H, et al. Anti-inflammatory effect of three iridoids in human neutrophils[J]. Natural Product Research, 2013, 27(10):911-915.

Shim K S, Song H K, Hwang Y H, et al. Ethanol extract of *Veronica persica* ameliorates house dust mite-induced asthmatic inflammation by inhibiting STAT-3 and STAT-6 activation. Biomedicine & Pharmacotherapy. 2022, 152: 113264

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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