

coniferyl ferulate

Chemical Properties

CAS No.:	63644-62-2
Formula:	C ₂₀ H ₂₀ O ₆
Molecular Weight:	356.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Targets(IC ₅₀)	GST: None
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Solubility Information

Solubility	DMSO: 20mg/ml(56.12mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.806 mL	14.029 mL	28.058 mL
5 mM	0.561 mL	2.806 mL	5.612 mL
10 mM	0.281 mL	1.403 mL	2.806 mL
50 mM	0.056 mL	0.281 mL	0.561 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Chen C, et al. Coniferyl Ferulate, a Strong Inhibitor of Glutathione S-Transferase Isolated from Radix Angelicae sinensis, Reverses Multidrug Resistance and Downregulates P-Glycoprotein. Evid Based Complement Alternat Med. 2013;2013:639083.

Inhibitors · Natural Compounds · Compound Libraries

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