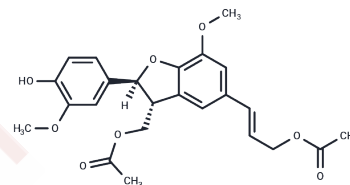


Dimeric coniferyl acetate

Chemical Properties

CAS No. :	184046-40-0
Formula:	C ₂₄ H ₂₆ O ₈
Molecular Weight:	442.46
Storage:	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	Dimeric coniferyl acetate has anti-inflammatory activity, it shows strong NO inhibition with IC ₅₀ values of 27.1 μ M in lipopolysacchhalide (LPS)-activated murine macrophage-like J774.1 cells. It exhibits significant inhibitory effects on the nitric oxide production in lipopolysaccharide activated C57BL6/J mouse macrophages.
Targets(IC ₅₀)	Others,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2601 mL	11.3005 mL	22.6009 mL
5 mM	0.452 mL	2.2601 mL	4.5202 mL
10 mM	0.226 mL	1.130 mL	2.2601 mL
50 mM	0.0452 mL	0.226 mL	0.452 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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