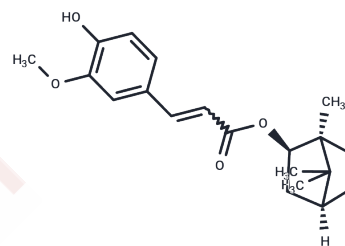


(-)-Bornyl ferulate

Chemical Properties

CAS No. :	55511-07-4
Formula:	C ₂₀ H ₂₆ O ₄
Molecular Weight:	330.42
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	(-)-Bornyl ferulate, a dual inhibitor of 5-lipoxygenase and cyclooxygenase (COX), exhibits half-maximal inhibitory concentrations (IC ₅₀ s) of 10.4 μM for 5-lipoxygenase and 12.0 μM for COX [1].
Targets(IC ₅₀)	COX,Lipoxygenase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0265 mL	15.1323 mL	30.2645 mL
5 mM	0.6053 mL	3.0265 mL	6.0529 mL
10 mM	0.3026 mL	1.5132 mL	3.0265 mL
50 mM	0.0605 mL	0.3026 mL	0.6053 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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