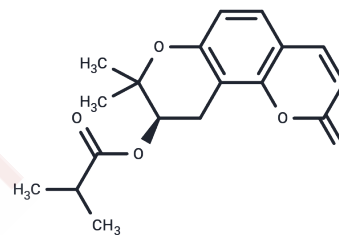


(R)-O-isobutyrolyllomatin

Chemical Properties

CAS No. : 440094-38-2
 Formula: C₁₈H₂₀O₅
 Molecular Weight: 316.35
 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	(R)-O-isobutyrolyllomatin shows significant dose-dependent protection against oxidative stress, it also exhibits cell proliferative effects.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1611 mL	15.8053 mL	31.6106 mL
5 mM	0.6322 mL	3.1611 mL	6.3221 mL
10 mM	0.3161 mL	1.5805 mL	3.1611 mL
50 mM	0.0632 mL	0.3161 mL	0.6322 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

Minor phenolics from *Angelica keiskei* and their proliferative effects on Hep3B cells. *Bioorganic & Medicinal Chemistry Letters*, 18 May 2017, 27(14):3065-3070

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