

Erythro-guaiacylglycerol β -dihydroconiferyl ether

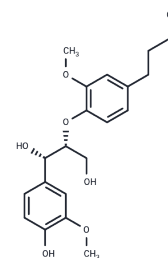
Chemical Properties

CAS No. : 135820-77-8

Formula: C₂₀H₂₆O₇

Molecular Weight: 378.42

Storage: Store at low temperature, Keep away from direct sunlight, Keep away from moisture
 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	Erythro-guaiacylglycerol β -dihydroconiferyl ether is extracted from Canadian maple syrup with potential antioxidant activity that can be used in the study of nutraceuticals.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6426 mL	13.2128 mL	26.4257 mL
5 mM	0.5285 mL	2.6426 mL	5.2851 mL
10 mM	0.2643 mL	1.3213 mL	2.6426 mL
50 mM	0.0529 mL	0.2643 mL	0.5285 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

Kim TH, et al. Aromatic constituents from the heartwood of Santalum album L. Chem Pharm Bull (Tokyo). 2005 Jun; 53(6):641-4.

Maple syrup phytochemicals include lignans, coumarins, a stilbene, and other previously unreported antioxidant phenolic compounds. J Agric Food Chem. 2010 Nov 24;58(22):11673-9.

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