

Erythro-Guaiacylglycerol beta-coniferyl ether

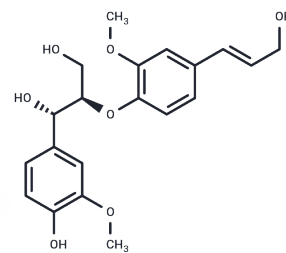
Chemical Properties

CAS No. : 890317-92-7

Formula: C₂₀H₂₄O₇

Molecular Weight: 376.4

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 beta-coniferyl ether is a compound that can be extracted from the stems and leaves of mung beans and has inhibitory effects on alpha-glucosidase with an EC ₅₀ value of 18.71 μM.
Targets(IC ₅₀)	Glucosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6567 mL	13.2837 mL	26.5675 mL
5 mM	0.5313 mL	2.6567 mL	5.3135 mL
10 mM	0.2657 mL	1.3284 mL	2.6567 mL
50 mM	0.0531 mL	0.2657 mL	0.5313 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

Yan Bai, et al. Bioactives from stems and leaves of mung beans (*Vigna radiata* L.). *Journal of Functional Foods*. 2016, 25.

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