

erythro-Guaiacylglycerol-beta-O-4'-dehydrodisinapyl ether

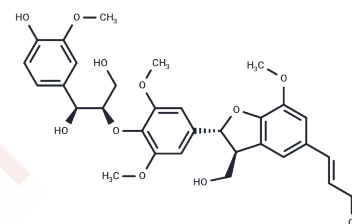
Chemical Properties

CAS No. : 613684-55-2

Formula: C₃₁H₃₆O₁₁

Molecular Weight: 584.61

Storage: Store at low temperature, Keep away from direct sunlight
 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-O-4'-dehydrodisinapyl ether is a compound extracted from Brazilian rubber seed hulls and is an inhibitory activity against human leukocyte elastase (IC ₅₀ : 171 umol/L).
Targets(IC ₅₀)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7105 mL	8.5527 mL	17.1054 mL
5 mM	0.3421 mL	1.7105 mL	3.4211 mL
10 mM	0.1711 mL	0.8553 mL	1.7105 mL
50 mM	0.0342 mL	0.1711 mL	0.3421 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

Cutillo F, et al. Lignans and neolignans from Brassica fruticulosa: effects on seed germination and plant growth. J Agric Food Chem. 2003 Oct 8;51(21):6165-72.

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