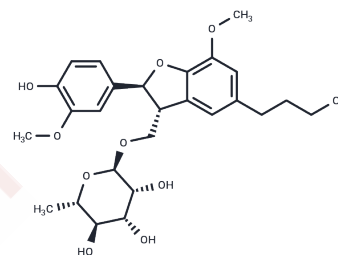


Dihydrodehydrodiconiferyl alcohol 9-O- α -L-rhamnopyranoside

Chemical Properties

CAS No. :	1252572-36-3
Formula:	C ₂₆ H ₃₄ O ₁₀
Molecular Weight:	506.54
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	Dihydrodehydrodiconiferyl alcohol 9-O- α -L-rhamnopyranoside (Compound 1), a lignan with anti-HBV activity, selectively targets the HBV surface antigen (HBsAg) with an IC ₅₀ of 0.58 mM, while its activity against the HBV e antigen (HBeAg) is significantly lower, with an IC ₅₀ of >2.4 mM. This compound can be isolated from the plant star anise [1].
Targets(IC ₅₀)	HBV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9742 mL	9.8709 mL	19.7418 mL
5 mM	0.3948 mL	1.9742 mL	3.9484 mL
10 mM	0.1974 mL	0.9871 mL	1.9742 mL
50 mM	0.0395 mL	0.1974 mL	0.3948 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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