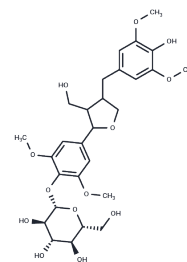


5,5'-Dimethoxylariciresinol 4-O-glucoside

Chemical Properties

CAS No. :	154418-16-3
Formula:	C ₂₈ H ₃₈ O ₁₃
Molecular Weight:	582.599
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	5,5'-Dimethoxylariciresinol-4'-O-beta-D-glucoside is shown to effectively enhance chemosensitivity of resistant cells, which makes it may be a suitable candidate for potential multidrug resistance (MDR)-reversing agents.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7164 mL	8.5822 mL	17.1644 mL
5 mM	0.3433 mL	1.7164 mL	3.4329 mL
10 mM	0.1716 mL	0.8582 mL	1.7164 mL
50 mM	0.0343 mL	0.1716 mL	0.3433 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

Huang Y, et. al. Two new amide glycosides with anti-inflammatory activity from the leaves of *Streblus ilicifolius* (Vidal) Corner. *Nat Prod Res.* 2022 Mar;36(6):1485-1493.

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