

Meliasendanin D 4'-O- β -D-glucopyranoside

Chemical Properties

CAS No. :	1931100-79-6
Formula:	C ₂₆ H ₃₄ O ₁₃
Molecular Weight:	554.55
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Meliasendanin D 4'-O- β -D-glucopyranoside (Example 1) is a lignan belonging to the Neolignan class, which may have potential effects in controlling blood sugar, lowering blood pressure, as well as exhibiting antibacterial, anti-inflammatory, analgesic, or immunomodulatory properties. Further experiments are necessary to verify these potential functions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8033 mL	9.0163 mL	18.0326 mL
5 mM	0.3607 mL	1.8033 mL	3.6065 mL
10 mM	0.1803 mL	0.9016 mL	1.8033 mL
50 mM	0.0361 mL	0.1803 mL	0.3607 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.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481