

Leonoside F

Chemical Properties

CAS No. :	1360075-79-1
Formula:	C ₂₇ H ₄₂ O ₁₇
Molecular Weight:	638.62
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	Leonoside F is a phenylethanoid compound isolated from the aerial parts of Leonurus japonicus (Houtt.), offering protective effects for hepatocytes against chemically induced damage. At a concentration of 1×10^{-5} M, it exhibits significant hepatoprotective activity against D-galactosamine-induced damage in HL-7702 liver cells, achieving an inhibition rate of 30.9%.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5659 mL	7.8294 mL	15.6588 mL
5 mM	0.3132 mL	1.5659 mL	3.1318 mL
10 mM	0.1566 mL	0.7829 mL	1.5659 mL
50 mM	0.0313 mL	0.1566 mL	0.3132 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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