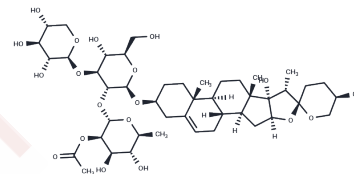


Ophiopojaponin A

Chemical Properties

CAS No. :	313054-32-9
Formula:	C ₄₆ H ₇₂ O ₁₈
Molecular Weight:	913.05
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	Ophiopojaponin A, a steroidal glycoside, can be isolated from Polygonatum glaberrimum. Ophiopojaponin A is therefore utilized in phytochemical and natural product chemistry research for structural characterization of steroidal glycosides derived from Polygonatum glaberrimum. Ophiopojaponin A is also applied in plant metabolite profiling studies to investigate steroidal glycoside diversity and biosynthetic pathway mapping in botanical systems.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0952 mL	5.4762 mL	10.9523 mL
5 mM	0.219 mL	1.0952 mL	2.1905 mL
10 mM	0.1095 mL	0.5476 mL	1.0952 mL
50 mM	0.0219 mL	0.1095 mL	0.219 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

Gvazava L N, et al. Steroidal saponins from Polygonatum glaberrimum rhizomes[J]. Chemistry of natural compounds, 2014, 50(3): 489-493.

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