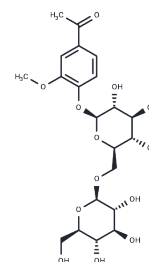


Tectoruside

Chemical Properties

CAS No. :	38784-73-5
Formula:	C ₂₁ H ₃₀ O ₁₃
Molecular Weight:	490.46
Storage:	Store at low temperature, Keep away from direct sunlight 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	Tectoruside is a phenolic glycoside derived from Iris and Leopard lily with antimutagenic and antioxidant activity that attenuates palmitate-induced endothelial insulin resistance by targeting ROS-associated inflammation and the IRS-1 pathway. Tectoruside can be used in cancer research.
Targets(IC50)	Antioxidant

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0389 mL	10.1945 mL	20.389 mL
5 mM	0.4078 mL	2.0389 mL	4.0778 mL
10 mM	0.2039 mL	1.0195 mL	2.0389 mL
50 mM	0.0408 mL	0.2039 mL	0.4078 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

Pan S H U, et al. Analysis of flavonoids and phenolic acids in Iris tectorum by HPLC-DAD-ESI-MSn. Chinese journal of natural medicines. 2010, 8(3): 202-207.

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