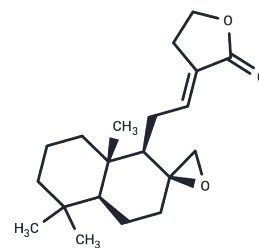


Galanolactone

Chemical Properties

CAS No. :	115753-79-2
Formula:	C ₂₀ H ₃₀ O ₃
Molecular Weight:	318.45
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	Galanolactone has anti-5-HT effect, a diterpenoid isolated from ginger, is related to antagonism of 5-HT ₃ receptors, it has inhibit nitric oxide production with IC(50) values ranging from 5.5 to 28.5 μM. Galanolactone exerts anti-obesity effect through down regulation of adipogenic transcription factors and adipogenic marker genes. Galanolactone also shows cytotoxic activity .
Targets(IC50)	5-HT Receptor, Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1402 mL	15.7011 mL	31.4021 mL
5 mM	0.628 mL	3.1402 mL	6.2804 mL
10 mM	0.314 mL	1.5701 mL	3.1402 mL
50 mM	0.0628 mL	0.314 mL	0.628 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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