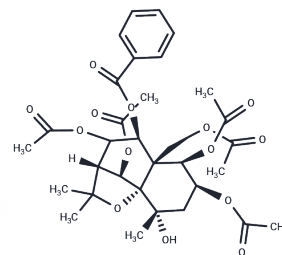


Celangulin

Chemical Properties

CAS No. :	116159-73-0
Formula:	C ₃₂ H ₄₀ O ₁₄
Molecular Weight:	648.65
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	Celangulin, an insecticidal component derived from <i>Celastrus angulatus</i> , functions by activating calcium channels on the plasma membrane, which leads to an increase in intracellular Ca ²⁺ due to influx from the external environment. Additionally, Celangulin stimulates calcium channels in the endoplasmic reticulum (ER) [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5417 mL	7.7083 mL	15.4166 mL
5 mM	0.3083 mL	1.5417 mL	3.0833 mL
10 mM	0.1542 mL	0.7708 mL	1.5417 mL
50 mM	0.0308 mL	0.1542 mL	0.3083 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481