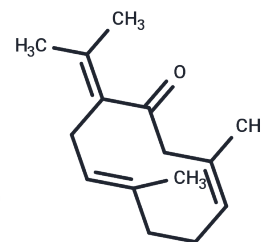


cis,trans-Germacrone

Chemical Properties

CAS No. :	32663-51-7
Formula:	C ₁₅ H ₂₂ O
Molecular Weight:	218.33
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	Cis,trans-Germacrone, an isomer of Germacrone, demonstrates extensive antitumor, antioxidant, and anti-inflammatory properties. It hinders lung cancer cell proliferation and impacts the Akt/MDM2/p53 pathway. Additionally, Germacrone induces cell cycle arrest at the G1/S phase [1].
Targets(IC50)	Others,Akt,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5802 mL	22.9011 mL	45.8022 mL
5 mM	0.916 mL	4.5802 mL	9.1604 mL
10 mM	0.458 mL	2.2901 mL	4.5802 mL
50 mM	0.0916 mL	0.458 mL	0.916 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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