

Oxyphyllenodiol B

Chemical Properties

CAS No. :	363610-32-6
Formula:	C ₁₄ H ₂₂ O ₃
Molecular Weight:	238.33
Storage:	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	Oxyphyllenodiol B is an eremophilane-type sesquiterpene compound isolated from the fruit of <i>Alpinia oxyphylla</i> . It exhibits potential anti-inflammatory properties by inhibiting the production of nitric oxide (NO). The <i>Alpinia oxyphylla</i> plant is traditionally known for its effects against conditions such as diarrhea and dementia.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1959 mL	20.9793 mL	41.9586 mL
5 mM	0.8392 mL	4.1959 mL	8.3917 mL
10 mM	0.4196 mL	2.0979 mL	4.1959 mL
50 mM	0.0839 mL	0.4196 mL	0.8392 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.

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