

Isozedoarondiol

Chemical Properties

CAS No. :	108887-68-9
Formula:	C ₁₅ H ₂₄ O ₃
Molecular Weight:	252.35
Storage:	Keep away from moisture, Keep away from direct sunlight, Store at low temperature 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	Isozedoarondiol is a natural sesquiterpene capable of inhibiting UVB-induced MMP-1 expression in human keratinocytes, demonstrating anti-ageing properties.
Targets(IC50)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9628 mL	19.8138 mL	39.6275 mL
5 mM	0.7926 mL	3.9628 mL	7.9255 mL
10 mM	0.3963 mL	1.9814 mL	3.9628 mL
50 mM	0.0793 mL	0.3963 mL	0.7926 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

Park J-H, Mohamed MAA, Thi NN, et al. Guaiane Sesquiterpenes from the Rhizome of Curcuma xanthorrhiza and Their Inhibitory Effects on UVB-induced MMP-1 Expression in Human Keratinocytes. Natural Product Communications. 2017;12(10).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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