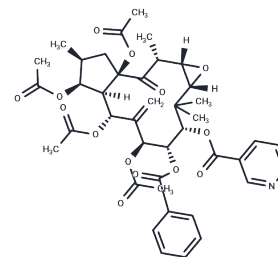


Kansuinine E

Chemical Properties

CAS No. :	672945-84-5
Formula:	C ₄₁ H ₄₇ N ₁ O ₁₄
Molecular Weight:	777.82
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	Kansuinine E, a jatrophone-type diterpenoid, is a plant-derived compound isolated from the roots of <i>E. kansui</i> . It functions as a nitric oxide inhibitor, with an inhibitory concentration of 6.3 μ M (IC ₅₀).
Targets(IC ₅₀)	Others,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2856 mL	6.4282 mL	12.8564 mL
5 mM	0.2571 mL	1.2856 mL	2.5713 mL
10 mM	0.1286 mL	0.6428 mL	1.2856 mL
50 mM	0.0257 mL	0.1286 mL	0.2571 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

Lee JW, et al. Jatrophone and ingenane-type diterpenoids from *Euphorbia kansui* inhibit the LPS-induced NO production in RAW 264.7 cells. *Bioorg Med Chem Lett.* 2016;26(14):3351-3354.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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