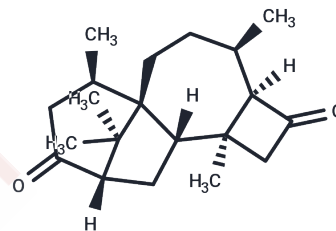


Harzianol J

Chemical Properties

CAS No. :	2671032-64-5
Formula:	C ₂₀ H ₃₀ O ₂
Molecular Weight:	302.451
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	Harzianol J is a harziane-type diterpene compound isolated from the deep-sea sediment fungus <i>Trichoderma</i> sp. SCS10W21. It exhibits anti-inflammatory activity, achieving an 81.8% inhibition rate of NO at a concentration of 100 μM, with an IC ₅₀ value of 66.7 μM for NO production inhibition. Harzianol J is applicable in anti-inflammatory research.
Targets(IC ₅₀)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3063 mL	16.5317 mL	33.0633 mL
5 mM	0.6613 mL	3.3063 mL	6.6127 mL
10 mM	0.3306 mL	1.6532 mL	3.3063 mL
50 mM	0.0661 mL	0.3306 mL	0.6613 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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