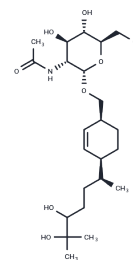


## Trichaspside F

## Chemical Properties

CAS No. :	3075431-03-4
Formula:	C <sub>23</sub> H <sub>41</sub> N <sub>0</sub> O <sub>8</sub>
Molecular Weight:	459.573
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	Trichaspside F, a sesquiterpene aminoglycoside compound, was isolated from <i>Trichoderma</i> sp. SCS10W21. It exhibits activity in inhibiting NO production, with an IC <sub>50</sub> value of 54.8 μM in RAW 264.7 macrophage cells. Trichaspside F holds potential for research in the anti-inflammatory field.
Targets(IC <sub>50</sub> )	NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1759 mL	10.8797 mL	21.7595 mL
5 mM	0.4352 mL	2.1759 mL	4.3519 mL
10 mM	0.2176 mL	1.088 mL	2.1759 mL
50 mM	0.0435 mL	0.2176 mL	0.4352 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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