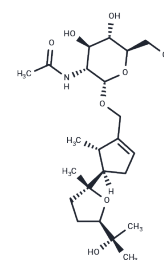


## Cycloneroside D

## Chemical Properties

CAS No. :	3075431-07-8
Formula:	C <sub>23</sub> H <sub>39</sub> N <sub>0</sub> O <sub>8</sub>
Molecular Weight:	457.558
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	Cycloneroside D, a novel sesquiterpene aminoglycoside, was isolated from the deep-sea sediment fungus <i>Trichoderma</i> sp. SCS10W21. It demonstrates activity in inhibiting NO production, with an IC <sub>50</sub> value of 42.0 μM in macrophage RAW 264.7 cell experiments. Cycloneroside D is a potential candidate for anti-inflammatory research.
Targets(IC <sub>50</sub> )	NO Synthase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1855 mL	10.9275 mL	21.8551 mL
5 mM	0.4371 mL	2.1855 mL	4.371 mL
10 mM	0.2186 mL	1.0928 mL	2.1855 mL
50 mM	0.0437 mL	0.2186 mL	0.4371 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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