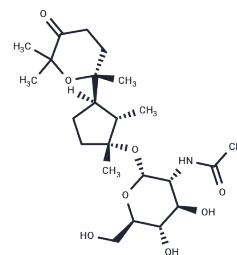


Cycloneroside E

Chemical Properties

CAS No. : 3075431-08-9
 Formula: C₂₃H₃₉N₀O₈
 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 E is a sesquiterpene aminoglycoside compound isolated from <i>Trichoderma</i> sp. SCS10W21. It exhibits activity in inhibiting NO production, with an IC ₅₀ value of 48.0 μM in macrophage RAW 264.7 cells. Cycloneroside E can be used in anti-inflammatory research.
Targets(IC ₅₀)	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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481