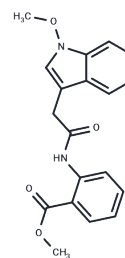


CI-39

Chemical Properties

CAS No. : 2132412-25-8
 Formula: C₁₉H₁₈N₂O₄
 Molecular Weight: 338.36
 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	CI-39, a natural antiviral product, serves as a non-nucleoside reverse transcriptase inhibitor (NNRTI) targeting wild type HIV-1. It exhibits an effective concentration (EC ₅₀) of 3.40 μM against the virus, while its cytotoxic concentration (CC ₅₀) exceeds 30 μM. This compound notably impedes HIV-1 reverse transcriptase (RT) DNA polymerase and ribonuclease H activities[1].
Targets(IC ₅₀)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9554 mL	14.7772 mL	29.5543 mL
5 mM	0.5911 mL	2.9554 mL	5.9109 mL
10 mM	0.2955 mL	1.4777 mL	2.9554 mL
50 mM	0.0591 mL	0.2955 mL	0.5911 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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