

Glycosyltransferase-IN-2

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Glycosyltransferase-IN-2 (Compound 20) is an inhibitor of glycosyltransferase with broad-spectrum antiviral activities against coronaviruses. It shows IC50 values of 11.3 μ M for MHV, 5.5 μ M for HCoV-NL63, and approximately 16.2 μ M for SARS-CoV-2. This compound can interfere with coronavirus infectivity, alter viral protein glycosylation, inhibit interaction with the ACE2 receptor, and suppress secretion of cytotoxic viral particles (SC-VLP) and RNA replication. Glycosyltransferase-IN-2 is utilized in coronavirus infection research.
Targets(IC50)	Angiotensin-converting Enzyme (ACE),DNA/RNA Synthesis,SARS-CoV

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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