

NSC-323241

## Chemical Properties

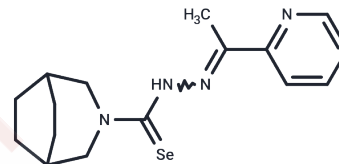
CAS No. : 79514-43-5

Formula: C<sub>16</sub>H<sub>22</sub>N<sub>4</sub>Se

Molecular Weight: 349.33

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	NSC-323241 is a potent inhibitor of STT3A-mediated mega protein complex assembly. It disrupts the large endoplasmic reticulum (ER) complexes localized by STT3A during dengue virus (DENV) and Zika virus (ZIKV) infections. NSC-323241 interferes with the binding of the STT3A subcomplex to viral non-structural proteins (such as NS2B, NS3) and host transporter proteins, thus impairing the formation of the viral replication microenvironment. This compound holds promise for researching flavivirus infections, including dengue and Zika viruses.
Targets(IC50)	Anti-infection

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8626 mL	14.3131 mL	28.6262 mL
5 mM	0.5725 mL	2.8626 mL	5.7252 mL
10 mM	0.2863 mL	1.4313 mL	2.8626 mL
50 mM	0.0573 mL	0.2863 mL	0.5725 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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