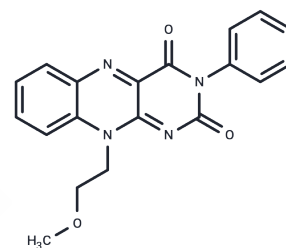


NSC 288387

## Chemical Properties

CAS No. : 61369-43-5  
 Formula: C<sub>19</sub>H<sub>16</sub>N<sub>4</sub>O<sub>3</sub>  
 Molecular Weight: 348.36  
 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	NSC 288387, a pan-flavivirus MTase inhibitor, binds to the SAM-binding pocket and effectively inhibits Zika virus (ZIKV) with an IC <sub>50</sub> of 0.2 μM, also preventing viral replication in cell culture [1].
Targets(IC <sub>50</sub> )	Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8706 mL	14.353 mL	28.7059 mL
5 mM	0.5741 mL	2.8706 mL	5.7412 mL
10 mM	0.2871 mL	1.4353 mL	2.8706 mL
50 mM	0.0574 mL	0.2871 mL	0.5741 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