

TMV-IN-8

Chemical Properties

CAS No. : 3023856-56-3
 Formula: C₂₆H₂₂N₆O₄
 Molecular Weight: 482.49
 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	TMV-IN-8 (compound 7d) is an anti-tobacco mosaic virus (TMV) agent with an antiviral EC ₅₀ of 157.6 µg/mL. TMV-IN-8 blocks the assembly of TMV by binding with coat protein (K _d = 0.7 µM) and suppresses TMV coat protein gene expression and biosynthesis process [1].
Targets(IC ₅₀)	TMV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0726 mL	10.3629 mL	20.7258 mL
5 mM	0.4145 mL	2.0726 mL	4.1452 mL
10 mM	0.2073 mL	1.0363 mL	2.0726 mL
50 mM	0.0415 mL	0.2073 mL	0.4145 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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