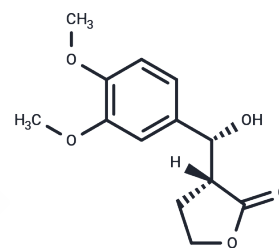


TMV-IN-11

## Chemical Properties

CAS No. : 2991481-09-3  
 Formula: C<sub>13</sub>H<sub>16</sub>O<sub>5</sub>  
 Molecular Weight: 252.26  
 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-11 (compound syn-3g), a potent inhibitor of Tobacco Mosaic Virus (TMV), exhibits strong inactivation properties with an IC <sub>50</sub> value of 120.7 µg/mL. This compound successfully suppresses TMV expression.
Targets(IC <sub>50</sub> )	TMV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9642 mL	19.8208 mL	39.6416 mL
5 mM	0.7928 mL	3.9642 mL	7.9283 mL
10 mM	0.3964 mL	1.9821 mL	3.9642 mL
50 mM	0.0793 mL	0.3964 mL	0.7928 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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