

Antiviral agent 61

Chemical Properties

CAS No. :

Formula: C₂₂H₂₃N₅O₄S

Molecular Weight: 453.51

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	Antiviralagent 61 (compound Z40) serves as an effective antiviral agent with activity against Tomato Spotted Wilt Virus (TSWV), exhibiting an EC ₅₀ value of 252 µg/mL. It increases the RNA expression of Ndufb9, COX6B, 7.1.2.2, E, COX5B, Ndufs4, and SDHB, while reducing the expression of Ndufb7, Ndufa5, and G.
Targets(IC50)	Others,COX

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.205 mL	11.0251 mL	22.0502 mL
5 mM	0.441 mL	2.205 mL	4.410 mL
10 mM	0.2205 mL	1.1025 mL	2.205 mL
50 mM	0.0441 mL	0.2205 mL	0.441 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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