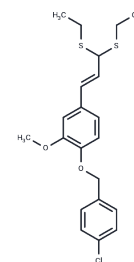


Antiviral agent 69

Chemical Properties

CAS No. :	3049804-05-6
Formula:	C ₂₁ H ₂₅ ClO ₂ S ₂
Molecular Weight:	409.01
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 69 (Compound L2) is an inhibitor targeting the capsid protein residue THR155, effectively hindering plant virus intercellular transport. It exhibits excellent antiviral activity against Potato virus Y (PVY), with an inactivation EC ₅₀ of 128.10 µg/mL. Antiviralagent 69 significantly reduces virus accumulation in the host plant Nicotiana benthamiana, showing potential for novel pesticide research and development.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4449 mL	12.2246 mL	24.4493 mL
5 mM	0.489 mL	2.4449 mL	4.8899 mL
10 mM	0.2445 mL	1.2225 mL	2.4449 mL
50 mM	0.0489 mL	0.2445 mL	0.489 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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