

Chitinase-IN-4

Chemical Properties

CAS No. :

Formula: C₂₁H₂₄ClN₇

Molecular Weight: 409.92

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	Chitinase-IN-4 (compound 8f) is a potent and selective inhibitor of OfChi-h with an IC ₅₀ value of 0.1 μM, exhibiting strong insecticidal activity.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4395 mL	12.1975 mL	24.395 mL
5 mM	0.4879 mL	2.4395 mL	4.879 mL
10 mM	0.244 mL	1.2198 mL	2.4395 mL
50 mM	0.0488 mL	0.244 mL	0.4879 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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