

Chitinase-IN-5

Chemical Properties

CAS No. :

Formula: C₂₀H₂₁ClFN₇

Molecular Weight: 413.88

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-5 (8i) is a potent inhibitor of chitinase OfChi-h (IC ₅₀ : 0.051 μM) with significant insecticidal properties. It can be utilized for research in green pest control and management.
Targets(IC ₅₀)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4162 mL	12.0808 mL	24.1616 mL
5 mM	0.4832 mL	2.4162 mL	4.8323 mL
10 mM	0.2416 mL	1.2081 mL	2.4162 mL
50 mM	0.0483 mL	0.2416 mL	0.4832 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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