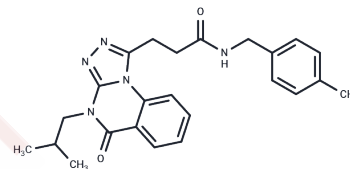


OfChi-h-IN-1

Chemical Properties

CAS No. : 902928-83-0
 Formula: C₂₄H₂₇N₅O₂
 Molecular Weight: 417.5
 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	OfChi-h-IN-1 is a potent inhibitor of OfChi-h with a K_i value of 0.33 μ M, significantly suppressing the growth and development of <i>Ostrinia nubilalis</i> larvae. It demonstrates superior insecticidal activity compared to Hexaflumuron and is considered a novel candidate for an insect growth regulator [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3952 mL	11.976 mL	23.9521 mL
5 mM	0.479 mL	2.3952 mL	4.7904 mL
10 mM	0.2395 mL	1.1976 mL	2.3952 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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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