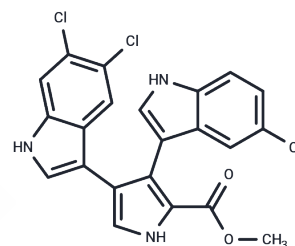


## Lynamicin B

## Chemical Properties

CAS No. :	861149-19-1
Formula:	C <sub>22</sub> H <sub>14</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	458.72
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	Lynamicin B, a promising pesticide, functions as a selective chitinase inhibitor exclusive to lepidoptera. It exhibits a $K_i$ value of 8.76 $\mu\text{M}$ , indicating its potential efficacy.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.180 mL	10.8999 mL	21.7998 mL
5 mM	0.436 mL	2.180 mL	4.360 mL
10 mM	0.218 mL	1.090 mL	2.180 mL
50 mM	0.0436 mL	0.218 mL	0.436 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.

## Reference

Lu Q, et al. Lynamicin B is a Potential Pesticide by Acting as a Lepidoptera-Exclusive Chitinase Inhibitor. J Agric Food Chem. 2021 Nov 19.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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