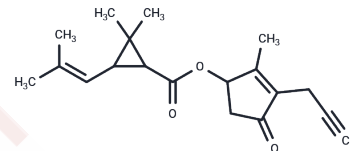


## Prallethrin

## Chemical Properties

CAS No. :	23031-36-9
Formula:	C <sub>19</sub> H <sub>24</sub> O <sub>3</sub>
Molecular Weight:	300.39
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	Prallethrin is an airborne mosquito repellent and a non-fluorinated pyrethroid that targets lung surfactant proteins (SPs). It exhibits vapor toxicity and can bind to SPs through hydrogen bonding and hydrophobic interactions, impairing their function. Prallethrin is utilized in research concerning respiratory diseases, pathogenic infections, and malignant tumors.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.329 mL	16.645 mL	33.2901 mL
5 mM	0.6658 mL	3.329 mL	6.658 mL
10 mM	0.3329 mL	1.6645 mL	3.329 mL
50 mM	0.0666 mL	0.3329 mL	0.6658 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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