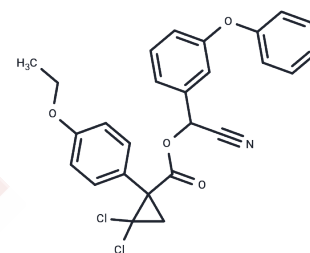


## Cycloprothrin

## Chemical Properties

CAS No. :	63935-38-6
Formula:	C <sub>26</sub> H <sub>21</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	482.36
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	Cycloprothrin (GH414; NK-8116) is an insecticidal pesticide composed of two stereoisomers: (1R, alphaR)-Cycloprothrin and (R)-Cycloprothrin. The (1R, alphaR)-Cycloprothrin is approximately 6 times more effective against <i>Mythimna separata</i> larvae and 4 times more effective against <i>Aphis medicaginis</i> larvae than the (R)-Cycloprothrin.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0731 mL	10.3657 mL	20.7314 mL
5 mM	0.4146 mL	2.0731 mL	4.1463 mL
10 mM	0.2073 mL	1.0366 mL	2.0731 mL
50 mM	0.0415 mL	0.2073 mL	0.4146 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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