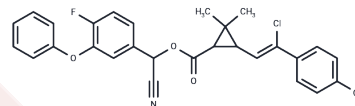


## Flumethrin

## Chemical Properties

CAS No. :	69770-45-2
Formula:	C <sub>28</sub> H <sub>22</sub> Cl <sub>2</sub> FNO <sub>3</sub>
Molecular Weight:	510.38
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	Flumethrin is a pyrethroid insecticide. It is used externally in veterinary medicine against parasitic insects and ticks on cattle, sheep, goats, horses, and dogs, and the treatment of parasitic mites in honeybee colonies.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9593 mL	9.7966 mL	19.5932 mL
5 mM	0.3919 mL	1.9593 mL	3.9186 mL
10 mM	0.1959 mL	0.9797 mL	1.9593 mL
50 mM	0.0392 mL	0.1959 mL	0.3919 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

Dantas-Torres F, et al. Parasit Vectors. 2013 Aug 23;6(1):245.

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