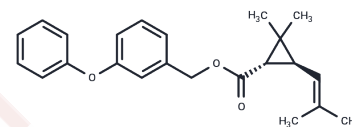


l-trans-Phenothrin

Chemical Properties

CAS No. :	66036-31-5
Formula:	C ₂₃ H ₂₆ O ₃
Molecular Weight:	350.45
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	l-trans-Phenothrin, as a synthetic pyrethroid, can kill adult fleas and ticks.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8535 mL	14.2674 mL	28.5347 mL
5 mM	0.5707 mL	2.8535 mL	5.7069 mL
10 mM	0.2853 mL	1.4267 mL	2.8535 mL
50 mM	0.0571 mL	0.2853 mL	0.5707 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

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- Berger-Preiss E, Koch W, Gerling S, Kock H, Appel KE. Use of biocidal products (insect sprays and electro-vaporizer) in indoor areas--exposure scenarios and exposure modeling. *Int J Hyg Environ Health*. 2009 Sep;212(5):505-18. doi: 10.1016/j.ijheh.2009.02.001. Epub 2009 Mar 31. PubMed PMID: 19345645.
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