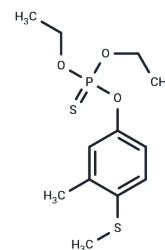


Fenthion-ethyl

Chemical Properties

CAS No. :	1716-09-2
Formula:	C ₁₂ H ₁₉ O ₃ PS ₂
Molecular Weight:	306.38
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	Fenthion-ethyl is an agricultural chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2639 mL	16.3196 mL	32.6392 mL
5 mM	0.6528 mL	3.2639 mL	6.5278 mL
10 mM	0.3264 mL	1.632 mL	3.2639 mL
50 mM	0.0653 mL	0.3264 mL	0.6528 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

- Hart RJ, Cavey WA, Ryan KJ, Strong MB, Moore B, Thomas PL, Boray JC, von Orelli M. CGA-72662--a new sheep blowfly insecticide. Aust Vet J. 1982 Oct;59(4):104-9. PubMed PMID: 7181777.
- O'Flynn M, Green PE. Insecticide resistance in field strains of *Lucilia cuprina*. Aust Vet J. 1980 Feb;56(2):67-9. PubMed PMID: 7436892.
- Shanahan GJ, Hughes PB. Laval implant studies with *Lucilia cuprina*. Vet Rec. 1978 Dec 23-30;103(26-27):582-3. PubMed PMID: 318562.
- Viljoen JH. The efficacy of various insecticides against the larvae of *Lucilia cuprina* (Wied.), the green blowfly of sheep. I. In vitro tests using a resistant and susceptible strain. Onderstepoort J Vet Res. 1978 Sep;45(3):155-63. PubMed PMID: 750957.

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