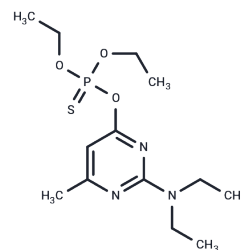


Pirimiphos-ethyl

Chemical Properties

CAS No. :	23505-41-1
Formula:	C ₁₃ H ₂₄ N ₃ O ₃ PS
Molecular Weight:	333.39
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	Pirimiphos-ethyl is used as an organophosphorus pesticide.
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9995 mL	14.9975 mL	29.9949 mL
5 mM	0.5999 mL	2.9995 mL	5.999 mL
10 mM	0.2999 mL	1.4997 mL	2.9995 mL
50 mM	0.060 mL	0.2999 mL	0.5999 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

- Bagness JE, Sharples WG. Determination of the substituted pyrimidine pesticides ethirimol, dimethirimol, pirimiphos-methyl, pirimiphos-ethyl and pirimicarb in technical and formulated materials by gas chromatography. *Analyst*. 1974 Apr;99(177):225-32. PubMed PMID: 4833650.
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- Dos Anjos MR, Castro IM, Souza Mde L, de Lima VV, de Aquino-Neto FR. Multiresidue method for simultaneous analysis of aflatoxin M1, avermectins, organophosphate pesticides and milbemycin in milk by ultra-performance liquid chromatography coupled to tandem mass spectrometry. *Food Addit Contam Part A Chem Anal Control Expo Risk Assess*. 2016 Jun;33(6):995-1002. doi: 10.1080/19440049.2016.1175227. Epub 2016 May 24. PubMed PMID: 27144891.
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