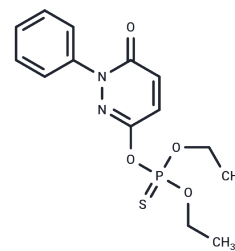


Pyridafenthion

Chemical Properties

CAS No. :	119-12-0
Formula:	C ₁₄ H ₁₇ N ₂ O ₄ PS
Molecular Weight:	340.34
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	Pyridafenthion is an agricultural chemical which is suitable for rice.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9382 mL	14.6912 mL	29.3824 mL
5 mM	0.5876 mL	2.9382 mL	5.8765 mL
10 mM	0.2938 mL	1.4691 mL	2.9382 mL
50 mM	0.0588 mL	0.2938 mL	0.5876 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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Jokanović M, Maksimović M. A comparison of trimedoxime, obidoxime, pralidoxime and HI-6 in the treatment of oral organophosphorus insecticide poisoning in the rat. Arch Toxicol. 1995;70(2):119-23. PubMed PMID: 8773184.

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