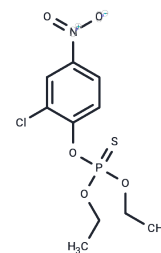


Ethyl dicapthon

Chemical Properties

CAS No. :	6012-87-9
Formula:	C ₁₀ H ₁₃ ClNO ₅ PS
Molecular Weight:	325.71
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	Ethyl dicapthon is used as an insecticide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0702 mL	15.3511 mL	30.7022 mL
5 mM	0.614 mL	3.0702 mL	6.1404 mL
10 mM	0.307 mL	1.5351 mL	3.0702 mL
50 mM	0.0614 mL	0.307 mL	0.614 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

- Hoehamer CF, Mazur CS, Wolfe NL. Purification and partial characterization of an acid phosphatase from Spirodela oligorrhiza and its affinity for selected organophosphate pesticides. J Agric Food Chem. 2005 Jan 12;53(1):90-7. PubMed PMID: 15631514.
- Bowman BT, Sans WW. Further water solubility determinations of insecticidal compounds. J Environ Sci Health B. 1983;18(2):221-7. PubMed PMID: 6853964.

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