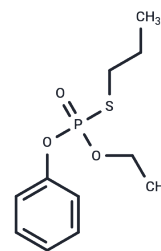


Heterophos

Chemical Properties

CAS No. :	40626-35-5
Formula:	C ₁₁ H ₁₇ O ₃ PS
Molecular Weight:	260.29
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	Heterophos (Heterofos) is an organophosphorus insecticide that acts as an acetylcholinesterase (AChE) inhibitor. By inhibiting the activity of acetylcholinesterase, it prevents the breakdown of acetylcholine, resulting in disrupted neural transmission in insects, thus providing its insecticidal effects.
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8419 mL	19.2093 mL	38.4187 mL
5 mM	0.7684 mL	3.8419 mL	7.6837 mL
10 mM	0.3842 mL	1.9209 mL	3.8419 mL
50 mM	0.0768 mL	0.3842 mL	0.7684 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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