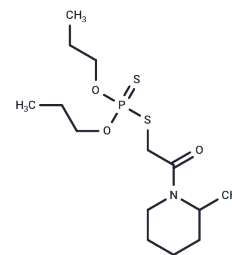


Piperophos

Chemical Properties

CAS No. :	24151-93-7
Formula:	C ₁₄ H ₂₈ NO ₃ PS ₂
Molecular Weight:	353.48
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	Piperophos is an organophosphate with anti-androgenic activities.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.829 mL	14.1451 mL	28.2901 mL
5 mM	0.5658 mL	2.829 mL	5.658 mL
10 mM	0.2829 mL	1.4145 mL	2.829 mL
50 mM	0.0566 mL	0.2829 mL	0.5658 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

- Viswanath G, Chatterjee S, Dabral S, Nanguneri SR, Divya G, Roy P. Anti-androgenic endocrine disrupting activities of chlorpyrifos and piperophos. *J Steroid Biochem Mol Biol.* 2010 May;120(1):22-9. doi: 10.1016/j.jsbmb.2010.02.032. Epub 2010 Mar 6. PubMed PMID: 20211256.
- Kojima H, Sata F, Takeuchi S, Sueyoshi T, Nagai T. Comparative study of human and mouse pregnane X receptor agonistic activity in 200 pesticides using in vitro reporter gene assays. *Toxicology.* 2011 Feb 27;280(3):77-87. doi: 10.1016/j.tox.2010.11.008. Epub 2010 Nov 27. PubMed PMID: 21115097.
- Tomimaru A, Arimori K, Inotsume N, Nakano M. Effect of activated charcoal and atropine on absorption and/or exsorption of organophosphorus compounds in rats. *J Pharm Pharmacol.* 1996 Apr;48(4):351-6. PubMed PMID: 8794982.
- Ebere AG, Akintonwa A. Acute toxicity of pesticides to *Gobius* sp., *Palaemonetes africanus*, and *Desmocariss trispimosa*. *Bull Environ Contam Toxicol.* 1992 Oct;49(4):588-92. PubMed PMID: 1384824.

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