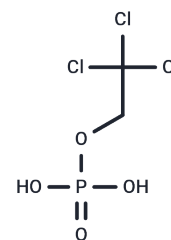


Triclofos

Chemical Properties

CAS No. :	306-52-5
Formula:	C ₂ H ₄ Cl ₃ O ₄ P
Molecular Weight:	229.38
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	Triclofos is a potent, orally active sedative that is rapidly hydrolyzed in vivo into trichloroethanol (TCEOH) and monosodium phosphate, facilitating its sedative effects [1].
Targets(IC50)	Others
In vitro	Triclofos (0.5-75 µg/mL; pooled plasma) is hydrolyzed rapidly into TCEOH and monosodium phosphate. The mean %RSD of the matrix effect is 13.9% for triclofos, 5.6% for trichloroacetic acid (TCA), 8.9% for trichloroethanol (TCEOH) and 14.9% for chloral hydrate (CH) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3596 mL	21.7979 mL	43.5958 mL
5 mM	0.8719 mL	4.3596 mL	8.7192 mL
10 mM	0.436 mL	2.1798 mL	4.3596 mL
50 mM	0.0872 mL	0.436 mL	0.8719 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.

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