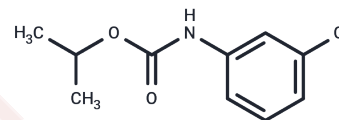


Chlorpropham

Chemical Properties

CAS No. :	101-21-3
Formula:	C ₁₀ H ₁₂ ClNO ₂
Molecular Weight:	213.66
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	Chlorpropham acts as a plant growth regulator and herbicide.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mg/mL (46.8 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6803 mL	23.4017 mL	46.8033 mL
5 mM	0.9361 mL	4.6803 mL	9.3607 mL
10 mM	0.468 mL	2.3402 mL	4.6803 mL
50 mM	0.0936 mL	0.468 mL	0.9361 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

Tanaka, T. Reproductive and Neurobehavioral Effects of Chlorpropham Administered to Mice in the Diet[J]. Toxicology & Industrial Health, 1997, 13(6):715-726.

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