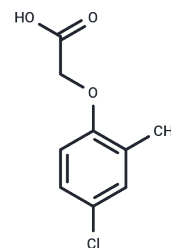


MCPA

Chemical Properties

CAS No. :	94-74-6
Formula:	C ₉ H ₉ ClO ₃
Molecular Weight:	200.62
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	MCPA(Krezone) is a highly effective phenoxy herbicide. Use of MCPA would have impacts on nearby water and soil resources.
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	DMSO: 45 mg/mL (224.3 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	4.9845 mL	24.9227 mL	49.8455 mL
5 mM	0.9969 mL	4.9845 mL	9.9691 mL
10 mM	0.4985 mL	2.4923 mL	4.9845 mL
50 mM	0.0997 mL	0.4985 mL	0.9969 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

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