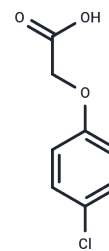


4-Chlorophenoxyacetic acid (4-CPA)

Chemical Properties

CAS No. :	122-88-3
Formula:	C ₈ H ₇ ClO ₃
Molecular Weight:	186.59
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	4-Chlorophenoxyacetic acid (4-CPA) is a widely utilized herbicide in agriculture for weed control. It can be degraded through an electrochemical oxidation process in aqueous media. The end products of 4-Chlorophenoxyacetic acid degradation are harmless, including carbon dioxide, water, and chloride ions.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3593 mL	26.7967 mL	53.5934 mL
5 mM	1.0719 mL	5.3593 mL	10.7187 mL
10 mM	0.5359 mL	2.6797 mL	5.3593 mL
50 mM	0.1072 mL	0.5359 mL	1.0719 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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