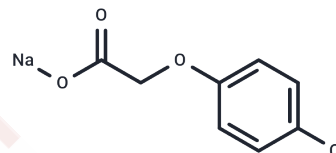


## 4-Chlorophenoxyacetic acid sodium

## Chemical Properties

CAS No. :	13730-98-8
Formula:	C <sub>8</sub> H <sub>6</sub> ClNaO <sub>3</sub>
Molecular Weight:	208.57
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	4-Chlorophenoxyacetic acid (sodium) (4-CPA (sodium)); p-Chlorophenoxyacetic acid (sodium)) is a chlorinated phenolic compound that functions as both a plant growth regulator and herbicide. At low concentrations, it promotes plant growth, while at high concentrations, it inhibits growth, particularly in dicotyledonous plants. This compound can serve as a biochemical material or organic compound in life sciences research.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7946 mL	23.9728 mL	47.9455 mL
5 mM	0.9589 mL	4.7946 mL	9.5891 mL
10 mM	0.4795 mL	2.3973 mL	4.7946 mL
50 mM	0.0959 mL	0.4795 mL	0.9589 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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