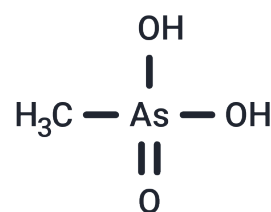


Methylarsonic acid

Chemical Properties

CAS No. : 124-58-3
Formula: CH₅AsO₃
Molecular Weight: 139.97
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Methylarsonic acid is a herbicide and fungicide on growing cotton and rice.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.1444 mL	35.7219 mL	71.4439 mL
5 mM	1.4289 mL	7.1444 mL	14.2888 mL
10 mM	0.7144 mL	3.5722 mL	7.1444 mL
50 mM	0.1429 mL	0.7144 mL	1.4289 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.

Reference

Yoshinaga M, Cai Y, Rosen BP. Demethylation of methylarsonic acid by a microbial community. Environ Microbiol. 2011 May;13(5):1205-15. doi: 10.1111/j.1462-2920.2010.02420.x. Epub 2011 Jan 27. PubMed PMID: 21272184;

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