

Sodium methanearsonate

Chemical Properties

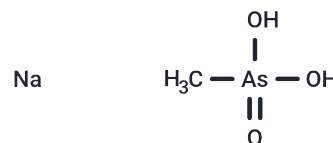
CAS No. : 2163-80-6

Formula: CH₅AsNaO₃

Molecular Weight: 162.96

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Sodium Methanearsonate is used as a commonly used herbicide for weed control in the grass.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1365 mL	30.6824 mL	61.3648 mL
5 mM	1.2273 mL	6.1365 mL	12.273 mL
10 mM	0.6136 mL	3.0682 mL	6.1365 mL
50 mM	0.1227 mL	0.6136 mL	1.2273 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

Cox RD, Orledge J. Inadvertent poisoning of seven teenagers with monosodium methanearsonate. Clin Toxicol (Phila). 2011 Mar;49(3):167-70. doi: 10.3109/15563650.2011.559473. PubMed PMID: 21495885.

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