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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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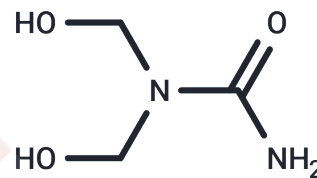
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Oxymethurea

Chemical Properties

CAS No. : 140-95-4
 Formula: C₃H₈N₂O₃
 Molecular Weight: 120.11
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Oxymethurea (CSI Paste) is a modified urea and can be used as in agricultural fields as a slow-release fertilizer.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1.2 mg/mL (9.99 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.3257 mL	41.6285 mL	83.257 mL
5 mM	1.6651 mL	8.3257 mL	16.6514 mL
10 mM	0.8326 mL	4.1629 mL	8.3257 mL
50 mM	0.1665 mL	0.8326 mL	1.6651 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

Yang J, et al. Dimethylolurea as a Novel Slow-Release Nitrogen Source for Nitrogen Leaching Mitigation and Crop Production. J Agric Food Chem. 2019 Jul 10;67(27):7616-7625.

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