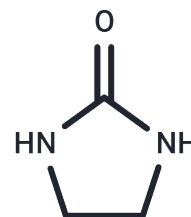


Ethyleneurea

Chemical Properties

CAS No. :	120-93-4
Formula:	C ₃ H ₆ N ₂ O
Molecular Weight:	86.09
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	Ethyleneurea (Imidazolidinone) is used as a formaldehyde scavenger and intermediate.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 60 mg/mL (696.95 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.6158 mL	58.0788 mL	116.1575 mL
5 mM	2.3232 mL	11.6158 mL	23.2315 mL
10 mM	1.1616 mL	5.8079 mL	11.6158 mL
50 mM	0.2323 mL	1.1616 mL	2.3232 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.

Reference

Nilsson BM, et al. J Med Chem. 1992 Aug 21;35(17):3270-9.

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