

5-Ureidoimidazole-4-carboxylic acid

Chemical Properties

CAS No. :	4919-06-6
Formula:	C ₅ H ₆ N ₄ O ₃
Molecular Weight:	170.13
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	5-Ureidoimidazole-4-carboxylic acid is a metabolite involved in nucleotide metabolism.
Targets(IC50)	Nucleoside Antimetabolite/Analog

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8779 mL	29.3893 mL	58.7786 mL
5 mM	1.1756 mL	5.8779 mL	11.7557 mL
10 mM	0.5878 mL	2.9389 mL	5.8779 mL
50 mM	0.1176 mL	0.5878 mL	1.1756 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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