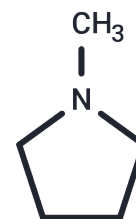


1-Methylpyrrolidine

Chemical Properties

CAS No. :	120-94-5
Formula:	C ₅ H ₁₁ N
Molecular Weight:	85.15
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	1-Methylpyrrolidine is extensively used in the synthesis of pyrrolidine based ionic liquids.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 27.5 mg/mL (322.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (23.49 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	11.744 mL	58.7199 mL	117.4398 mL
5 mM	2.3488 mL	11.744 mL	23.488 mL
10 mM	1.1744 mL	5.872 mL	11.744 mL
50 mM	0.2349 mL	1.1744 mL	2.3488 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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