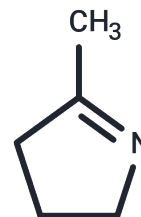


2-Methyl-1-Pyrroline

Chemical Properties

CAS No. :	872-32-2
Formula:	C ₅ H ₉ N
Molecular Weight:	83.13
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	2-Methyl-1-Pyrroline (2-MPN) is an intermediate of a photochemical dye that induces the formation of (R)-2-MP.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (661.61 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	12.0294 mL	60.1468 mL	120.2935 mL
5 mM	2.4059 mL	12.0294 mL	24.0587 mL
10 mM	1.2029 mL	6.0147 mL	12.0294 mL
50 mM	0.2406 mL	1.2029 mL	2.4059 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

Fukawa Y, et al. Improvement of (S)-selective imine reductase GF3546 for the synthesis of chiral cyclic amines. Chem Commun (Camb). 2022 Nov 29;58(95):13222-13225.

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