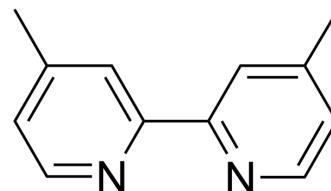


4,4'-Dimethyl-2,2'-bipyridine

Cat. No.:	HY-W002003		
CAS No.:	1134-35-6		
Molecular Formula:	C ₁₂ H ₁₂ N ₂		
Molecular Weight:	184.24		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (54.28 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.4277 mL	27.1385 mL	54.2770 mL
	5 mM		1.0855 mL	5.4277 mL	10.8554 mL
	10 mM		0.5428 mL	2.7139 mL	5.4277 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

4,4'-Dimethyl-2,2'-bipyridine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

For the determination of ferrous and cyanide compounds. The starting material for the synthesis of blue-emitting molecules, excited at 43% quantum field and 450 nm.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

Caution: Product has not been fully validated for medical applications. For research use only.

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