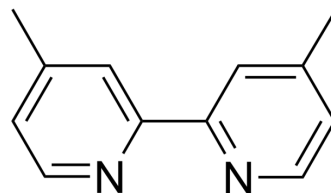


## 4,4'-Dimethyl-2,2'-bipyridine

Cat. No.:	HY-W002003		
CAS No.:	1134-35-6		
Molecular Formula:	C <sub>12</sub> H <sub>12</sub> N <sub>2</sub>		
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)

Concentration	Solvent	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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA