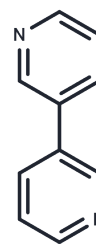


3,3'-Bipyridine

Chemical Properties

CAS No. :	581-46-4
Formula:	C10H8N2
Molecular Weight:	156.18
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



Biological Description

Description	3,3'-Bipyridine is an inhibitor of CYP2A6, CYP3A4, and CYP2B6, and also inhibits gastric acid secretion in rats.
Targets(IC50)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.4029 mL	32.0143 mL	64.0287 mL
5 mM	1.2806 mL	6.4029 mL	12.8057 mL
10 mM	0.6403 mL	3.2014 mL	6.4029 mL
50 mM	0.1281 mL	0.6403 mL	1.2806 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

John R. Cashman. Synthetic compounds and derivatives as modulators of smoking or nicotine ingestion and lung cancer. WO2005066162A1

Donald E. Butler, et al. Novel pharmacological activity of a series of substituted pyridines. Journal of Medicinal Chemistry 1971 14 (7), 575-579

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