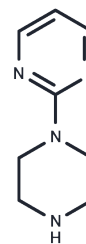


2-(1-Piperazinyl)pyrimidine

Chemical Properties

CAS No. : 20980-22-7
Formula: C₈H₁₂N₄
Molecular Weight: 164.21
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	2-(1-Piperazinyl)pyrimidine is used as an anti-anxiety drug.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (274.04 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	6.0898 mL	30.4488 mL	60.8976 mL
5 mM	1.218 mL	6.0898 mL	12.1795 mL
10 mM	0.609 mL	3.0449 mL	6.0898 mL
50 mM	0.1218 mL	0.609 mL	1.218 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.

Reference

Rajamani T, Muthu S. Spectrochim Acta A Mol Biomol Spectrosc. 2013 Nov;115:654-66.

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