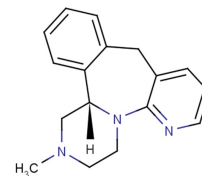


(S)-Mirtazapine

Chemical Properties

CAS No.:	61337-87-9
Formula:	C ₁₇ H ₁₉ N ₃
Molecular Weight:	265.35
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	(S)-Mirtazapine is an S(+)-enantiomer of Mirtazapine. (S)-Mirtazapine is a stereoselective 5-HT ₂ receptor antagonist.
Targets(IC ₅₀)	5-HT ₂ receptor: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.769 mL	18.843 mL	37.686 mL
5 mM	0.754 mL	3.769 mL	7.537 mL
10 mM	0.377 mL	1.884 mL	3.769 mL
50 mM	0.075 mL	0.377 mL	0.754 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Muth-Selbach U, et al. Racemic intrathecal mirtazapine but not its enantiomers acts anti-neuropathic after chronic constriction injury in rats. Brain Res Bull. 2009 Apr 6;79(1):63-8.

Inhibitors · Natural Compounds · Compound Libraries

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