

Data Sheet (Cat.No.T21428)

Mianserin

**Chemical Properties**

CAS No.:	24219-97-4
Formula:	C18H20N2
Molecular Weight:	264.36
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Mianserin, a psychoactive drug of the tetracyclic antidepressant (TeCA) therapeutic family, acts as a noradrenergic and specific serotonergic antidepressant with antidepressant, anxiolytic, antiemetic, orexigenic, hypnotic, and antihistamine effects.
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**Solubility Information**

Solubility	Water: Insoluble DMSO: Soluble ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.783 mL	18.914 mL	37.827 mL
5 mM	0.757 mL	3.783 mL	7.565 mL
10 mM	0.378 mL	1.891 mL	3.783 mL
50 mM	0.076 mL	0.378 mL	0.757 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. Isabelle le BL, Clarot F, Vaz E, Goullé JP, Proust B. Disopyramide and mianserin intoxication: a unique fatal case--review of the literature. *J Forensic Sci.* 2014 May;59(3):850-3. doi: 10.1111/1556-4029.12392. Epub 2014 Feb 6. Review. PubMed PMID: 24502246.
2. Poyurovsky M, Schneidman M, Weizman A. Successful treatment of fluoxetine-induced dystonia with low-dose mianserin. *Mov Disord.* 1997 Nov;12(6):1102-5. Review. PubMed PMID: 9399252.
3. Leinonen E, Koponen H, Lepola U. Serum mianserin and ageing. *Prog Neuropsychopharmacol Biol Psychiatry.* 1994 Sep;18(5):833-45. Review. PubMed PMID: 7972855.
4. Tiraboschi P. [Mianserin]. *Medicina (Firenze).* 1988 Jul-Sep;8(3):351-3. Review. Italian. PubMed PMID: 3068469.

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