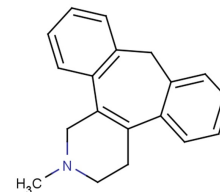


Setiptiline

Chemical Properties

CAS No.:	57262-94-9
Formula:	C ₁₉ H ₁₉ N
Molecular Weight:	261.36
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Setiptiline(Org-8282) is an antagonist of serotonin receptor.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 25 mg/mL (95.65 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.826 mL	19.131 mL	38.261 mL
5 mM	0.765 mL	3.826 mL	7.652 mL
10 mM	0.383 mL	1.913 mL	3.826 mL
50 mM	0.077 mL	0.383 mL	0.765 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. Yamada K, Furukawa T. [Behavioral effects of a new antidepressant, setiptiline]. Nihon Yakurigaku Zasshi. 1991 Jan;97(1):31-9.
2. Kamimura M, Aoba A, Yamaguchi N et al. The effect of age on plasma level of setiptiline maleate in depressed patients. Prog Neuropsychopharmacol Biol Psychiatry. 1994 Oct;18(6):1015-26.
3. Kuniyoshi M, Nakamura J, Miura C, Inanaga K. Effectiveness of concomitant setiptiline maleate (Tecipul) on negative symptoms of schizophrenia. Prog Neuropsychopharmacol Biol Psychiatry. 1994 Mar;18(2):339-46.
4. Niho T, Ito C, Shibutani Y, Hashizume H, Yamaguchi K. [Pharmacological properties of MO-8282, a novel antidepressant]. Nihon Yakurigaku Zasshi. 1986 Oct;88(4):309-20.

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