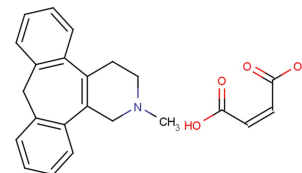


Setiptiline maleate

Chemical Properties

CAS No.:	85650-57-3
Formula:	C ₂₃ H ₂₃ NO ₄
Molecular Weight:	377.43
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

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

Solubility Information

Solubility	DMSO: 100 mg/mL (264.95 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.649 mL	13.247 mL	26.495 mL
5 mM	0.53 mL	2.649 mL	5.299 mL
10 mM	0.265 mL	1.325 mL	2.649 mL
50 mM	0.053 mL	0.265 mL	0.53 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. Niho T, et al. [Pharmacological properties of MO-8282, a novel antidepressant]. Nihon Yakurigaku Zasshi. 1986 Oct;88(4):309-20.
2. Setiptiline
3. Yamada K, et al. [Behavioral effects of a new antidepressant, setiptiline]. Nihon Yakurigaku Zasshi. 1991 Jan;97(1):31-9.
4. Kamimura M, 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.
5. Kuniyoshi M, et al. Effectiveness of concomitant setiptiline maleate (Tecipul) on negative symptoms of schizophrenia. Prog Neuropsychopharmacol Biol Psychiatry. 1994 Mar;18(2):339-46.

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