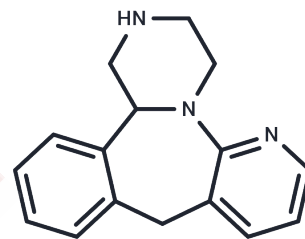


N-desmethyilmirtazapine

Chemical Properties

CAS No. :	61337-68-6
Formula:	C ₁₆ H ₁₇ N ₃
Molecular Weight:	251.33
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	N-desmethyilmirtazapine (J1.061.658A) is a metabolite of mirtazapine. N-desmethyilmirtazapine is also commonly used as an anxiolytic, hypnotic, antiemetic, and appetite stimulant.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (198.94 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	3.9788 mL	19.8942 mL	39.7883 mL
5 mM	0.7958 mL	3.9788 mL	7.9577 mL
10 mM	0.3979 mL	1.9894 mL	3.9788 mL
50 mM	0.0796 mL	0.3979 mL	0.7958 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Paulzen M, Gründer G, Tauber SC, Veselinovic T, Hiemke C, Groppe SE. Distribution pattern of mirtazapine and normirtazapine in blood and CSF. *Psychopharmacology (Berl)*. 2015 Feb;232(4):807-13. doi: 10.1007/s00213-014-3717-9. Epub 2014 Aug 23. PubMed PMID: 25150039.

Morgan PE, Tapper J, Spencer EP. Measurement of total mirtazapine and normirtazapine in plasma/serum by liquid chromatography with fluorescence detection. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2003 Dec 25; 798(2):211-5. PubMed PMID: 14643499.

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