

Molindone

Chemical Properties

CAS No.:	7416-34-4
Formula:	C ₁₆ H ₂₄ N ₂ O ₂
Molecular Weight:	276.37
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Molindone, a therapeutic antipsychotic, is used in the treatment of schizophrenia by blocking the effects of dopamine in the brain.
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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	3.618 mL	18.092 mL	36.183 mL
5 mM	0.724 mL	3.618 mL	7.237 mL
10 mM	0.362 mL	1.809 mL	3.618 mL
50 mM	0.072 mL	0.362 mL	0.724 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. McCue RE, Unuigbo FE, Charles RA, Orendain GC, Waheed R. Treatment of morbidly obese psychotic patients with molindone: three case reports. *J Clin Psychiatry*. 2009 Nov;70(11):1606-7. doi: 10.4088/JCP.09l05219yel. Review. PubMed PMID: 20031106.
2. Bagnall A, Fenton M, Lewis R, Leitner ML, Kleijnen J. Molindone for schizophrenia and severe mental illness. *Cochrane Database Syst Rev*. 2000;(2):CD002083. Review. Update in: *Cochrane Database Syst Rev*. 2007;(1):CD002083. PubMed PMID: 10796464.
3. Bagnall A, Fenton M, Kleijnen J, Lewis R. Molindone for schizophrenia and severe mental illness. *Cochrane Database Syst Rev*. 2007 Jan 24;(1):CD002083. Review. PubMed PMID: 17253473.
4. Owen RR Jr, Cole JO. Molindone hydrochloride: a review of laboratory and clinical findings. *J Clin Psychopharmacol*. 1989 Aug;9(4):268-76. Review. PubMed PMID: 2671060.

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