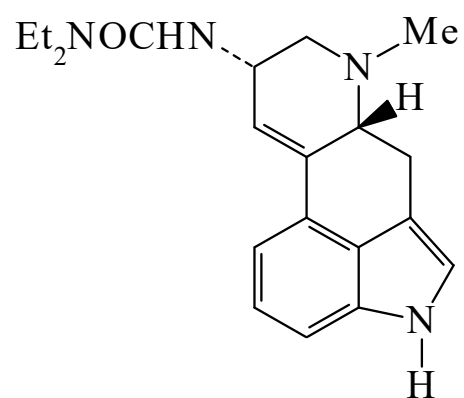




>>Entry Name: Lisuride, INN

Synonym(s): *N'*-(9,10-Didehydro-6-methylergolin-8-yl)-*N,N*-diethylurea, 9Cl, 8Cl. Methylergol carbamide. **Lysuride**, BAN. Mesorgydin



CAS Registry Number: 18016-80-3

Molecular Formula: C₂₀H₂₆N₄O

Molecular Weight: 338.452

Accurate Mass: 338.210661

Percentage Composition: C 70.98%; H 7.74%; N 16.55%; O 4.73%

Use/Importance: 5HT antagonist. Antiparkinsonian agent. Migraine prophylactic

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 186°

Optical Rotation: $[\alpha]_D^{20} +313$ (c, 0.60 in Py)

Calculated Log P Data: Log P 2.28 (uncertain value) (calc)

>>Derivative: Maleate (1:1)

Synonym(s): Cuvalit. Lisenil. Lizenil. Lysenyl. Prolacam

CAS Registry Number: 19875-60-6

Physical Description: Prisms (EtOH)

Melting Point: Mp 200°

Optical Rotation: $[\alpha]_D^{20} +288$ (c, 0.5 in MeOH)

Hazard & Toxicity: LD₅₀ (rat, orl) 138 mg/kg. Exp. reprod. and teratogenic effects

References:

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Votkava, Z. *et al.*, *Arzneim.-Forsch.*, 1966, **16**, 220, (*pharmacol*)

Zikan, V. *et al.*, *Pharmazie*, 1968, **23**, 147, (*synth*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 847

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