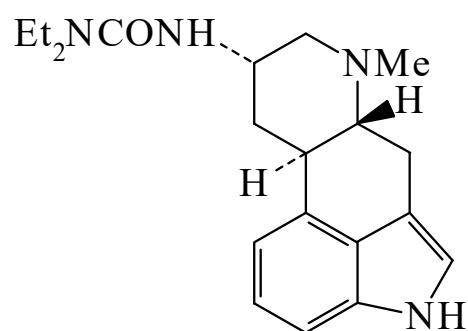




>>Entry Name: Terguride, INN

Synonym(s): *N,N*-Diethyl-*N'*-(6-methyl-8-ergoliny)urea, 9Cl. Transdihydrolisuride. TDHL. ZK 31224. Leciva. Spofa



CAS Registry Number: 37686-84-3

Related CAS Registry Numbers(s): 140387-87-7

Molecular Formula: C₂₀H₂₈N₄O

Molecular Weight: 340.467

Accurate Mass: 340.226311

Percentage Composition: C 70.56%; H 8.29%; N 16.46%; O 4.70%

Use/Importance: Prolactin inhibitor. Partial dopamine-D₂ agonist. Shows antiparkinsonian activity

Melting Point: Mp 202-204°

Optical Rotation: [α]_D²⁰+29 (c, 0.45 in Py)

Calculated Log P Data: Log P 2.59 (uncertain value) (calc)

Hazard & Toxicity: Human and exp. reprod. effects

References:

- Zikan, V. *et al.*, *Coll. Czech. Chem. Comm.*, 1972, **37**, 2600, (*synth, pharmacol*)
Sauer, G. *et al.*, *Synthesis*, 1986, 1007, (*ir, pmr, synth*)
Černý, A. *et al.*, *Coll. Czech. Chem. Comm.*, 1987, **52**, 1331, (*uv, ms, cmr, synth*)
Fanali, S. *et al.*, *Electrophoresis*, 1992, **13**, 39, (*resoln*)
Lange, K.W. *et al.*, *Eur. J. Pharmacol.*, 1992, **212**, 247, (*pharmacol*)
Mizokawa, T. *et al.*, *Jpn. J. Pharmacol.*, 1993, **63**, 269, (*pharmacol*)
Martindale, *The Extra Pharmacopoeia*, 30th edn., Pharmaceutical Press, 1993, 850
Akai, T. *et al.*, *J. Pharmacol. Exp. Ther.*, 1995, **273**, 309, (*pharmacol*)
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DLR100