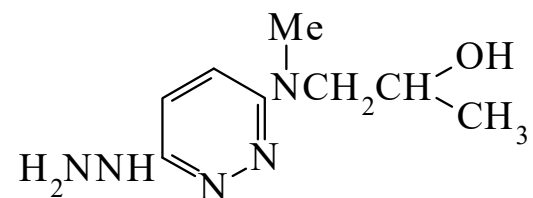




>>Entry Name: Pildralazine, INN

Synonym(s): 6-[(2-Hydroxypropyl)methylamino]-3(2*H*)-pyridazinone hydrazone, 9Cl. 1-[(6-Hydrazino-3-pyridazinyl)methylamino]-2-propanol. Propyldazine. Atensil. ISF 2123



CAS Registry Number: 64000-73-3

Molecular Formula: C₈H₁₅N₅O

Molecular Weight: 197.239

Accurate Mass: 197.12766

Percentage Composition: C 48.72%; H 7.67%; N 35.51%; O 8.11%

Use/Importance: Monoamine oxidase inhibitor, antihypertensive agent

Calculated Log P Data: Log P 0.49 (calc)

>>Variant: (±)-form

Molecular Formula: C₈H₁₅N₅O

Molecular Weight: 197.239

Accurate Mass: 197.12766

Percentage Composition: C 48.72%; H 7.67%; N 35.51%; O 8.11%

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 56393-22-7

Melting Point: Mp 185-186°

Hazard & Toxicity: LD₅₀ (rat, orl) 1230 mg/kg. LD₅₀ (rat, ipr) 355 mg/kg

References:

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Dorigotti, L. *et al.*, *Pharmacol. Res. Commun.*, 1976, **8**, 295, (*pharmacol, tox*)
Szilagyi, G. *et al.*, *Synth. Commun.*, 1981, **11**, 835, (*synth*)
Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 12865
Grote, H., *Fresenius' Z. Anal. Chem.*, 1984, **318**, 435, (*ms*)
Fischer, G. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1986, **284**, 313, (*pharmacol*)
Noack, E. *et al.*, *Arzneim.-Forsch.*, 1987, **37**, 407, (*pharmacol*)
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