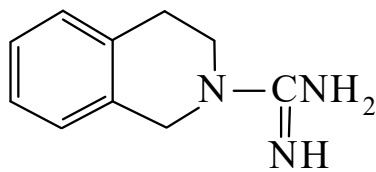




>>Entry Name: Debrisoquine, BAN, INN

Synonym(s): 3,4-Dihydro-2(1H)-isoquinolinecarboximidamide, 9Cl, 8Cl. 2-Amidino-1,2,3,4-tetrahydroisoquinoline. Isocaramidine



CAS Registry Number: 1131-64-2

Molecular Formula: C₁₀H₁₃N₃

Molecular Weight: 175.233

Accurate Mass: 175.110947

Percentage Composition: C 68.54%; H 7.48%; N 23.98%

Use/Importance: Antihypertensive agent

Calculated Log P Data: Log P 0.75 (calc)

>>Derivative: Sulfate (2:1)

Synonym(s): Debrisoquine sulfate, USAN. Declinax. Equitensor. Equitonil. Giben. Pasiron T. Redu-Pres. Tendor. Bonipress. Ro 5-3307/1

CAS Registry Number: 581-88-4

Melting Point: Mp 278-280°

Other Data: Mp. varies with humidity

Hazard & Toxicity: Response to main adverse effect (fall in blood pressure) may be genetically-determined. LD₅₀ (rat, orl) 610 mg/kg

Sigma: D1306

References:

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Casagrande, C. *et al.*, *Farmaco, Ed. Sci.*, 1972, **27**, 445, (*synth*)

Bailey, D.M. *et al.*, *J. Med. Chem.*, 1973, **16**, 151, (*pharmacol*)

Lennard, M.G. *et al.*, *Xenobiotica*, 1986, **16**, 435, (*rev*)

Eichelbaum, M. *et al.*, *Br. J. Clin. Pharmacol.*, 1988, **25**, 505, (*pharmacol, metab*)

Bates, P.A. *et al.*, *Acta Cryst. C*, 1993, **49**, 300, (*cryst struct*)

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