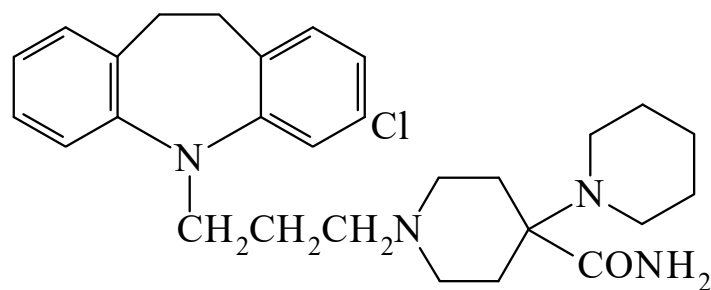




>>Entry Name: Clocapramine, INN

Synonym(s): 1'-[3-(3-Chloro-10,11-dihydro-5H-dibenz[*b,j*]azepin-5-yl)propyl][1,4'-bipiperidine]-4'-carboxamide, 9Cl. 3-Chlorocarpipramine. Clocarpramine. Padrasen



CAS Registry Number: 47739-98-0

Molecular Formula: C₂₈H₃₇ClN₄O

Molecular Weight: 481.079

Accurate Mass: 480.265588

Percentage Composition: C 69.91%; H 7.75%; Cl 7.37%; N 11.65%; O 3.33%

Use/Importance: Antidepressant, neuroleptic, antipsychotic agent

Calculated Log P Data: Log P 5.69 (calc)

>>Derivative: Hydrochloride (1:2)

Synonym(s): Clocapramine hydrochloride, JAN. Clofekton. Y-4153

CAS Registry Number: 28058-62-0

Physical Description: Bitter-tasting powder + 1H₂O

Melting Point: Mp 267°

Hazard & Toxicity: LD₅₀ (rat, orl) 6800 mg/kg. LD₅₀ (rat, ipr) 125 mg/kg. Exp. fetotoxic effects

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Nakanishi, M. *et al.*, *Yakugaku Zasshi*, 1971, **91**, 1042, (*metab*)
Ueda, I. *et al.*, *Acta Cryst. C*, 1984, **40**, 422, (*cryst struct*)
Mikuni, M. *et al.*, *Clin. Neuropharmacol.*, Suppl. 4, 1986, **9**, 319, (*pharmacol*)
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