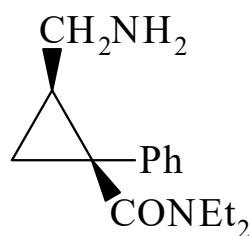




>>Entry Name: Milnacipran, BAN, INN

Synonym(s): 2-(Aminomethyl)-N,N-diethyl-1-phenylcyclopropanecarboxamide, 9Cl. Midalcipran. Dalcipran. F2207. TN912



Related CAS Registry Numbers(s): 96847-54-0 96847-55-1 96847-60-8 96847-69-7 96847-70-0 105310-09-6

Molecular Formula: C₁₅H₂₂N₂O

Molecular Weight: 246.352

Accurate Mass: 246.173213

Percentage Composition: C 73.13%; H 9.00%; N 11.37%; O 6.49%

Use/Importance: Inhibits re-uptake of 5HT and noradrenaline; antidepressant

Calculated Log P Data: Log P 1 (uncertain value) (calc)

>>Variant: (1*RS*,2*SR*)-form

Synonym(s): (±)-*cis*-form

CAS Registry Number: 92623-85-3

Molecular Formula: C₁₅H₂₂N₂O

Molecular Weight: 246.352

Accurate Mass: 246.173213

Percentage Composition: C 73.13%; H 9.00%; N 11.37%; O 6.49%

>>Derivative: Hydrochloride

CAS Registry Number: 101152-94-7

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 179-181°

Hazard & Toxicity: LD₅₀ (rat, orl) >300 mg/kg

References:

- Bonnaud, B. *et al.*, *J. Chromatogr.*, 1985, **318**, 398, (*resoln*)
Moret, C. *et al.*, *Neuropharmacology*, 1985, **24**, 1211, (*pharmacol*)
Briley, M., *Drugs of the Future*, 1986, **11**, 21, (*rev*)
Bonnaud, B. *et al.*, *J. Med. Chem.*, 1987, **30**, 318, (*synth*)
Stenger, A. *et al.*, *Psychopharmacology (Berlin)*, 1987, **91**, 147, (*pharmacol*)
Assie, M.B. *et al.*, *Neuropharmacology*, 1992, **31**, 149, (*pharmacol*)
Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 265
Briley, M. *et al.*, *CNS Drug Rev.*, 1998, **4**, 137-148
Spencer, C.M. *et al.*, *Drugs*, 1998, **56**, 405-427, (*rev*)
Boyer, P. *et al.*, *Drugs of Today (Barcelona)*, 1998, **34**, 709-720, (*rev*)