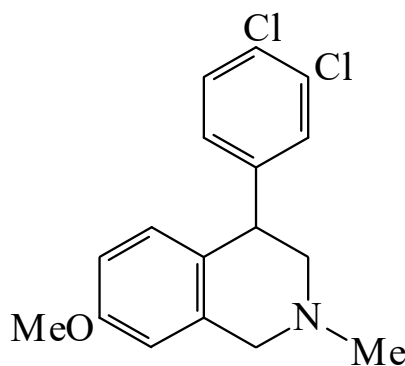




>>Entry Name: Diclofensine, INN

Synonym(s): 4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-7-methoxy-2-methylisoquinoline, 9Cl. Moxifensine. Rolibro. Ro 8-4650



CAS Registry Number: 67165-56-4

Related CAS Registry Numbers(s): 50560-38-8 50560-45-7

Molecular Formula: C₁₇H₁₇Cl₂NO

Molecular Weight: 322.233

Accurate Mass: 321.068718

Percentage Composition: C 63.37%; H 5.32%; Cl 22.00%; N 4.35%; O 4.97%

Use/Importance: Dopamine reuptake inhibitor. Antidepressant, antiparkinsonian agent

Development Status: Never marketed

Calculated Log P Data: Log P 5.11 (calc)

>>Variant: (±)-form

Molecular Formula: C₁₇H₁₇Cl₂NO

Molecular Weight: 322.233

Accurate Mass: 321.068718

Percentage Composition: C 63.37%; H 5.32%; Cl 22.00%; N 4.35%; O 4.97%

>>Derivative: Hydrochloride

CAS Registry Number: 34041-84-4

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 273-275°

References:

Swiss Pat., 1973, Hoffmann-La Roche, 538 477; CA, **79**, 136996t, (synth, pharmacol)

Strojny, N. et al., J. Chromatogr., 1985, **341**, 313, (hplc)

Gasic, S. et al., Clin. Pharmacol. Ther. (St. Louis), 1986, **39**, 582, (pharmacol, human)

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