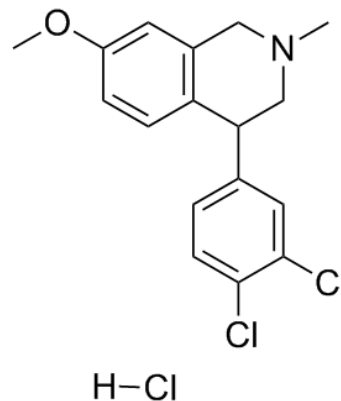


Product Name : Diclofensine hydrochloride
Cat. No. : PC-45480
CAS No. : 34041-84-4
Molecular Formula : C₁₇H₁₈Cl₃NO
Molecular Weight : 358.6899
Target : Monoamine Transporter
Solubility : H₂O: ≥ 52 mg/mL



Biological Activity

Diclofensine (Ro 8-4650) hydrochloride is an antidepressant that acts as a triple **monoamine reuptake** inhibitor. Diclofensine blocks the uptake of dopamine, noradrenaline, and serotonin by rat brain synaptosomes with IC₅₀ of 0.74, 2.3, and 3.7 nM, respectively. Diclofensine increases locomotor activity, decreases food intake, and has abuse potential.

References

Keller HH, et al. Adv Biochem Psychopharmacol. 1982;31:249-63.
Tirelli E, et al. J Pharmacol Exp Ther. 1998 Jan;284(1):116-24.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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