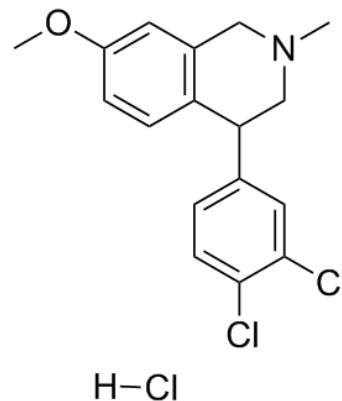


Product Name : Diclofensine hydrochloride
Cat. No. : PC-45480
CAS No. : 34041-84-4
Molecular Formula : C₁₇H₁₈Cl₃NO
Molecular Weight : 358.6899
Target : Monoamine Transporter
Solubility : H₂O: ≥ 52 mg/mL



Biological Activity

An antidepressant that acts as a triple monoamine reuptake inhibitor; blocks the uptake of dopamine, noradrenaline, and serotonin by rat brain synaptosomes with IC₅₀ of 0.74, 2.3, and 3.7 nM, respectively; 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!

E-mail: tech@probechem.com