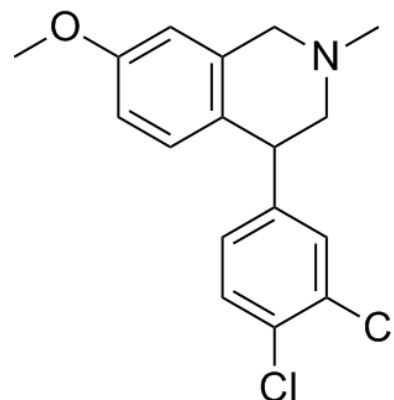


Product Name : Diclofensine
Cat. No. : PC-45481
CAS No. : 67165-56-4
Molecular Formula : C₁₇H₁₇Cl₂NO
Molecular Weight : 322.229
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



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.

Jackson SH, et al. Br J Clin Pharmacol. 1983 Oct;16(4):427-9.

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

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