Diclofensine (hydrochloride)
Item No. 15355

CAS Registry No.: 34041-84-4
Formal Name: 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-7-methoxy-2-methylisoquinoline, monohydrochloride
Synonym: Ro 8-4650
MF: C_{17}H_{17}Cl_{2}NO \cdot HCl
FW: 358.7
Purity: \geq 98%
Supplied as: A crystalline solid
Storage: -20°C
Stability: \geq 5 years

Description

Diclofensine is a potent inhibitor of monoamine reuptake, blocking the uptake of dopamine, noradrenaline, and serotonin by rat brain synaptosomes with IC_{50} values of 0.74, 2.3, and 3.7 nM, respectively.\textsuperscript{1} While it has applications as an antidepressant, diclofensine increases locomotor activity, decreases food intake, and has abuse potential.\textsuperscript{2-5} This product is intended for research and forensic applications.

References