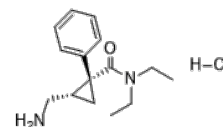


Product Name : Milnacipran hydrochloride
Cat. No. : PC-28025
CAS No. : 101152-94-7
Molecular Formula : $C_{15}H_{23}ClN_2O$
Molecular Weight : 282.81
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

Milnacipran hydrochloride (F2207, Midalcipran) is an antidepressant agent via selective inhibiting the uptake of monoamines, inhibits the uptake of radiolabelled serotonin and noradrenaline with IC_{50} of 203 and 100 nM, respectively, but not dopamine, shows no inhibition of the activity of monoamine oxidase in vitro or in vivo.

References

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 Moret C, et al. Neuropharmacology. 1985 Dec;24(12):1211-9.
 Ansseau M, et al. Eur Neuropsychopharmacol. 1991 May;1(2):113-21.
 Shuto S, et al. J Med Chem. 1996 Nov 22;39(24):4844-52.

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

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