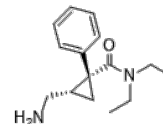


Product Name : Milnacipran
Cat. No. : PC-28024
CAS No. : 92623-85-3
Molecular Formula : C₁₅H₂₂N₂O
Molecular Weight : 246.35
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

Milnacipran (F2207, Midalcipran) is an antidepressant agent via selective inhibiting the **uptake of monoamines**, inhibits the uptake of radiolabelled **serotonin** and **noradrenaline** with IC₅₀ 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.
Anseau 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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