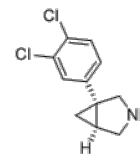


Product Name : Amitifadine
Cat. No. : PC-70169
CAS No. : 410074-73-6
Molecular Formula : C₁₁H₁₁Cl₂N
Molecular Weight : 228.118
Target : Monoamine Transporter
Solubility : 10 mM in DMSO



Biological Activity

Amitifadine (DOV-21947, EB-1010) is a **triple monoamine reuptake inhibitor**, inhibits the reuptake of 5-HT, norepinephrine and dopamine in HEK 293 cells with IC₅₀ of 12, 23 and 96 nM, respectively. Amitifadine reduces the duration of immobility in the forced swim test in rats with an oral minimum effective dose (MED) of 5 mg/kg.

References

- Skolnick P, et al. *Eur J Pharmacol.* 2003 Feb 14;461(2-3):99-104.
Warnock KT, et al. *Pharmacol Biochem Behav.* 2012 Nov;103(1):111-8.

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

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