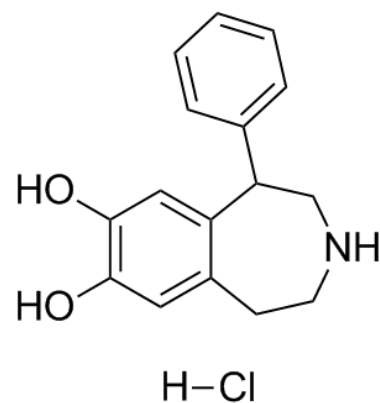


Product Name : SKF 38393 hydrochloride
Cat. No. : PC-43088
CAS No. : 62717-42-4
Molecular Formula : C₁₆H₁₈ClNO₂
Molecular Weight : 291.7726
Target : Dopamine Receptor
Solubility : DMSO: ≥ 34 mg/mL



Biological Activity

SKF 38393 is a potent, selective prototypical D1-like dopamine receptor with K_i of 1 and 0.5 nM for D1 and D5 receptors, shows little to no affinity for D2, D3 and D4 receptors; enhances the frequency of mEPSCs, and exhibits stimulant and anorectic effects, stimulates the release of glutamate in the hippocampus.

References

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Habuchi Y, et al. *Br J Pharmacol.* 1997 Dec;122(8):1669-78.
Sibley DR, et al. *Life Sci.* 1982 Aug 16;31(7):637-45.
Bouron A, et al. *Neuroscience.* 1999;94(4):1063-70.

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

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