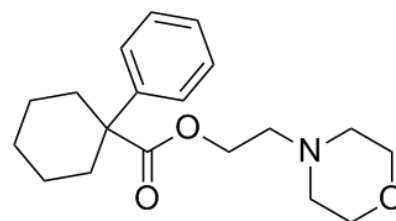


Product Name : PRE-084 hydrochloride
Cat. No. : PC-45419
CAS No. : 75136-54-8
Molecular Formula : C₁₉H₂₈ClNO₃
Molecular Weight : 353.8835
Target : Sigma Receptor
Solubility : DMSO: ≥ 34 mg/mL



H-Cl

Biological Activity

PRE-084 is a highly potent, selective **sigma-1** receptor agonist with K_i of 2.2 nM, IC₅₀ of 44 nM. PRE-084 shows little or no affinity for sigma-2 and PCP receptors (K_i>10 μM). PRE-084 has nootropic and antidepressant actions in vivo, as well as antitussive and reinforcing effects.

References

- Su TP, et al. *J Pharmacol Exp Ther.* 1991 Nov;259(2):543-50.
Brown C, et al. *Br J Pharmacol.* 2004 Jan;141(2):233-40.
Maurice T, et al. *Br J Pharmacol.* 2001 Dec;134(8):1731-41.

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

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