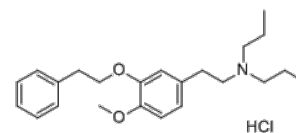


Product Name : NE-100 hydrochloride
Cat. No. : PC-60289
CAS No. : 149409-57-4
Molecular Formula : C₂₃H₃₃NO₂.HCl
Molecular Weight : 391.97
Target : Sigma Receptor
Solubility : 10 mM in DMSO



Biological Activity

NE-100 hydrochloride is a potent, selective, and orally active **sigma-1** receptor antagonist with K_i of 1.03 nM. NE-100 displays 205-fold selectivity over sigma-2, 1,000-fold selectivity over D1, D2, PCP, α1, 5-HT1A and 5-HT2 receptors. NE-100 shows antipsychotic activity in vivo.

References

- Nakazato A, et al. *J Med Chem*. 1999 Mar 25;42(6):1076-87.
Berardi F, et al. *Bioorg Med Chem*. 2001 May;9(5):1325-35.
Ogawa S, et al. *Eur J Pharmacol*. 1994 Sep 22;263(1-2):9-15.

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

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