

Product Name : NE-100 hydrochloride

Synonyms : NE 100 hydrochloride; NE100 hydrochloride

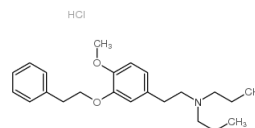
Cat No. : M12070

CAS Number : 149409-57-4

Molecular Formula : C₂₃H₃₃NO₂.HCl

Formula Weight : 391.97

Chemical Name : 4-Methoxy-3-(2-phenylethoxy)-N,N-dipropylbenzeneethanamine hydrochloride



Description : A potent, selective, and orally active sigma-1 receptor antagonist with K_i of 1.03 nM; displays 205-fold selectivity over sigma-2, 1,000-fold selectivity over D1, D2, PCP, α1, 5-HT1A and 5-HT2 receptors; shows antipsychotic activity in vivo. Schizophrenia Phase 2 Discontinued

Pathway : Autophagy

Target : Sigma receptor

Receptor : Sigma Receptor

Solubility : —

SMILES : COC1=CC=C(CCN(CCC)CCC)C=C1OCC2=CC=CC=C2.[H]Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Nakazato A, et al. J Med Chem. 1999 Mar 25;42(6):1076-87. 2. Berardi F, et al. Bioorg Med Chem. 2001 May;9(5):1325-35. 3. Ogawa S, et al. Eur J Pharmacol. 1994 Sep 22;263(1-2):9-15.

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