Product Data Sheet

Product Name: PRE-084 hydrochloride
CAS No.: 75136-54-8
Cat. No.: HY-18100A
MWt: 353.88
Formula: C19H28ClNO3
Purity: >98%
Solubility: DMSO:34mg/mL

Mechanisms:
Pathways: GPCR/G protein; Target: Sigma Receptor

Biological Activity:
PRE-084 hydrochloride is a high affinity, selective σ1 agonist, has an IC50 of 44 nM in the sigma receptor assay.
IC50 value: 44 nM
Target: sigma receptor
in vitro: PRE-084 has an IC50 of more than 100,000 nM for PCP receptors and an IC50 higher than 10,000 nM in a variety of other receptor systems. [1]
in vivo: PRE-084 improves motor neuron survival and motor performance in wobbler mice. PRE-084 enhances BDNF-mediated trophic support.[2]

References:

Caution: Not fully tested. For research purposes only

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