

Product Name : (±)-U-50488 hydrochloride

Synonyms : U50488; U-50488

Cat No. : M15564

CAS Number : 67197-96-0

Molecular Formula : C₁₉H₂₆Cl₂N₂O.HCl

Formula Weight : 405.79

Chemical Name : trans-(±)-3,4-Dichloro-N-methyl-N-[2-(1-pyrrolidinyl)cyclohexyl]benzeneacetamide hydrochloride

Description : A potent, selective kappa-opioid receptor agonist with no μ-opioid antagonist effects; shows analgesic, diuretic and antitussive effects, and reverses the memory impairment produced by anticholinergic drugs in vivo. Anxiety Discontinued

Pathway : Endocrinology/Hormones

Target : Opioid Receptor

Receptor : Opioid Receptor

Solubility : 25 mM in H₂O

SMILES : CN(C1CCCCC1N2CCCC2)C(=O)CC3=CC(=C(C=C3)Cl)Cl.CN(C1CCCCC1N2CCCC2)C(=O)CC3=CC(=C(C=C3)Cl)Cl.Cl.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Tao PL, et al. Eur J Pharmacol. 1994 May 2;256(3):281-6. | 2. Suarez-Roca H, et al. J Pharmacol Exp Ther. 1993 Feb;264(2):648-53. | 3. Su MT, et al. Br J Pharmacol. 1998 Feb;123(4):625-30. | 4. Vonvoigtlander PF, et al. J Pharmacol Exp Ther. 1983 Jan;224(1):7-12.

