
Lofepramine

产品编号: D54510

CAS: 23047-25-8

分子式: C₂₆H₂₇ClN₂O

纯度: 98.38%

InChi Key: InChiKey=SAPNXPWPAUFAJU-UHFFFAOYSA-N

Smiles: CN(CCCN(c1c(CC2)cccc1)c1c2cccc1)CC(c(cc1)ccc1Cl)=O

外观: 固体粉末

作用通路: GPCR/G Protein; Neuroscience

作用靶点: 5-HT Receptor; Norepinephrine

溶解性: DMSO: 48 mg/mL (114.57 mM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: Lofepramine is a potent tricyclic antidepressant that is extensively metabolized to desipramine. It inhibits the serotonin and norepinephrine transporters by inhibiting neurons with K_d values of 70 and 5.4 nM, respectively, with weak antagonism of serotonin, histamine and muscarinic receptors.