
Linopirdine

产品编号: D53917

CAS: 105431-72-9

分子式: C₂₆H₂₁N₃O

纯度: 99.92%

InChi Key: InChiKey=YEJCDKJIEMIWRQ-UHFFFAOYSA-N

Smiles: O=C1N(c2ccccc2C1(Cc1ccncc1)Cc1ccncc1)c1ccccc1

外观: 固体粉末

作用通路: Membrane transporter/Ion channel

作用靶点: Potassium Channel; TRP/TRPV Channel

溶解性: DMSO:110 mg/mL (281 mM; Need ultrasonic)

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

产品介绍: Linopirdine is a TRPV1 agonist. Linopirdine is an orally active and selective M-type K⁺ current (IM; Kv7; KCNQ Channels) inhibitor (IC₅₀: 2.4 μM). Linopirdine is a cognitive enhancer. It acts by stimulating release of acetylcholine and other neurotransmitters. Linopirdine is a putative cognition-enhancing drug that increases acetylcholine release in rat brain tissue.