
UCL 2077

产品编号: D56539

CAS: 918311-87-2

分子式: C₂₅H₂₂N₂

纯度: 99.38%

InChi Key: InChIKey=PQFNWDHABGBCHB-UHFFFAOYSA-N

Smiles: N=1C=CC=C(C1)CNC(C=2C=CC=CC2)(C=3C=CC=CC3)C=4C=CC=CC4

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO: 50 mg/mL (142.67 mM)

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

产品介绍: UCL 2077 is a subtype-selective blocker of the epilepsy-associated KCNQ channels and it also is a selective slow-afterhyperpolarization channel blocker, with IC₅₀ of 500 nM in hippocampal neurons in culture, having minimal effects on Ca²⁺ channels, action potentials, input resistance, and the medium afterhyperpolarization.