
VU0463271

产品编号: D54453

CAS: 1391737-01-1

分子式: C₁₉H₁₈N₄O₂

纯度: 99.75%

InChi Key: InChiKey=DPONSKCACOZTGN-UHFFFAOYSA-N

Smiles: Cc1csc(N(C2CC2)C(CSc(cc2)nnc2-c2ccccc2)=O)n1

外观: 固体粉末

作用通路: Membrane transporter/Ion channel

作用靶点: Potassium Channel

溶解性: DMSO : 20 mg/mL (52.29 mM; Need ultrasonic)

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

产品介绍: VU0463271 is a potent and selective antagonist of the neuronal-specific potassium-chloride cotransporter 2 (KCC2), with an IC₅₀ of 61 nM and >100-fold selectivity versus the closely related Na-K-2Cl cotransporter 1 (NKCC1) and no activity in a larger panel of GPCRs, ion channels, and transporters.