
Edicotinib

产品编号: D54668

CAS: 1142363-52-7

分子式: C₂₇H₃₅N₅O₂

纯度: 99.6%

InChi Key: InChIKey=BNVPFDRNGHMRJS-UHFFFAOYSA-N

Smiles: CC1(C)CCC(=CC1)c1nc(ccc1NC(=O)c1ncc([nH]1)C#N)C1CC(C)(C)OC(C)(C)C1

外观: 固体粉末

作用通路: Angiogenesis; Tyrosine Kinase/Adaptors

作用靶点: c-Fms; c-Kit; CSF-1R; FLT

溶解性: DMSO:15 mg/mL (32.4 mM; Need ultrasonic)

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

产品介绍: Edicotinib is a brain penetrant and orally active inhibitor of the colony-stimulating factor-1 receptor (IC₅₀: 3.2 nM). It shows less inhibitory effects on KIT and FLT3 (IC₅₀: 20 nM and 190 nM). It has the potential for Alzheimer's disease and rheumatoid arthritis treatment.