
Dacomitinib hydrate

产品编号: D55102

CAS: 1042385-75-0

分子式: C₂₄H₂₇ClFN₅O₃

纯度: 98.05%

InChi Key: InChIKey=BSPLGGCPNTZPIH-IPZCTEOASA-N

Smiles: COC1=C(C=C2C(=C1)N=CN=C2NC3=CC(=C(C=C3)F)Cl)NC(=O)/C=C/CN4CCCCC4.O

外观: 固体粉末

作用通路: Angiogenesis; JAK/STAT signaling; Tyrosine Kinase/Adaptors

作用靶点: EGFR

溶解性: DMSO: 55 mg/ml (112.71 mM)

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

产品介绍: Dacomitinib hydrate is a highly selective and second-generation small-molecule inhibitor of the pan-epidermal growth factor receptor family of tyrosine kinases. Dacomitinib specifically and irreversibly binds to and inhibits human EGFR subtypes, resulting in inhibition of proliferation and induction of apoptosis in EGFR-expressing tumor cells.