
OSU-T315

产品编号: D62140

CAS: 2070015-22-2

分子式: C₃₀H₃₀F₃N₅O

纯度: 98%

InChi Key: InChIKey=AJLOJUFSDSBNB-UHFFFAOYSA-N

Smiles: CNC(=O)CCc1cc(nn1-c1ccc(cc1)N1CCNCC1)-c1ccc(cc1)-c1ccc(cc1)C(F)(F)F

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Apoptosis; Autophagy; Integrin

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: OSU-T315 (ILK-IN-1) is a small Integrin-linked kinase (ILK) inhibitor with an IC₅₀ of 0.6 μM, inhibiting PI3K/AKT signaling by dephosphorylation of AKT-Ser473 and other ILK targets (GSK-3β and myosin light chain). OSU-T315 abrogates AKT activation by impeding AKT localization in lipid rafts and triggers caspase-dependent apoptosis in an ILK-independent manner[2]. OSU-T315 causes cell death through apoptosis and autophagy