
MBM-55

产品编号: D56734

CAS: 2083622-09-5

分子式: C₂₈H₂₇N₆O₂

纯度: 99.98%

InChi Key: InChIKey=CGECJCJUHCZZGO-UHFFFAOYSA-N

Smiles: O=C(N)C=1C=CC(=CC1OCC=2C=CC=C(F)C2)C3=CN=C4C=C(C=CN43)C=5C=NN(C5)CCN(C)C

外观: 固体粉末

作用通路: MAPK;PI3K/Akt/mTOR signaling;Tyrosine Kinase/Adaptors;Cell Cycle/Checkpoint;Stem Cells;Angiogenesis;Cytoskeletal Signaling;Chromatin/Epigenetic

作用靶点: MAPK;S6 Kinase;DYRK;Chk;GSK-3;Bcr-Abl;Akt;Aurora Kinase;CDK

溶解性: DMSO : 120 mg/mL (240.70 mM; Need ultrasonic)

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

产品介绍: MBM-55 is an effective inhibitor of NIMA related kinase 2 (NEK2) with an IC₅₀ of 1 nM.

MBM-55 effectively inhibits the proliferation of cancer cells by inducing cell cycle arrest and apoptosis.