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## M3541

产品编号: D58762

CAS: 1360628-91-6

分子式: C<sub>23</sub>H<sub>17</sub>FN<sub>6</sub>O<sub>2</sub>

纯度: 98%

InChi Key: InChIKey=OOCGUVCGJIUQKC-UHFFFAOYSA-N

Smiles: N#CC1=CC=C(C(F)=C1)N2C(=O)N(C=3C=NC=4C=C(OC)C(=CC4C32)C=5C=NN(C5)C)C

外观: 固体粉末

作用通路: Apoptosis;DNA Damage/DNA Repair;PI3K/Akt/mTOR signaling

作用靶点: Apoptosis;ATM/ATR

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

产品介绍: M3541 is a selectively potent and orally active ATM inhibitor with potential antitumor activity. M-3541 inhibits ATM kinase activity and ATM-mediated signaling by binding to ATM. M3541 prevents activation of DNA damage checkpoints, inhibits DNA damage repair, contributes to apoptosis, and induces death of ATM overexpressing tumor cells.