
MRTX-1257

产品编号: D52479

CAS: 2206736-04-9

分子式: C₃₃H₃₉N₇O₂

纯度: 96.59%

InChi Key: InChIKey=YRYQLVCTQFBRLD-UIOOFZCWSA-N

Smiles: CN1CCC[C@H]1COc1nc2CN(CCc2c(n1)N1CCN([C@@H](CC#N)C1)C(=O)C=C)c1cccc2cccc(C)c12

外观: 固体粉末

作用通路: GPCR/G Protein; MAPK

作用靶点: Ras

溶解性: DMSO:54 mg/mL(95.46 mM)

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

产品介绍: MRTX-1257 is a selective, irreversible, and covalent inhibitor of KRAS G12C. It has an IC₅₀ of 900 pM for KRAS dependent ERK phosphorylation in H358 cells. MRTX1257 demonstrated 31% bioavailability in the mouse, with free fraction exposures well above the cellular potency. In a PK/PD experiment, 77% target engagement.