
Danoprevir

产品编号: D60906

CAS: 850876-88-9

分子式: C₃₅H₄₆FN₅O₉S

纯度: 97%

InChi Key: InChIKey=ZVTDLPBHTSMEJZ-JSZLBQEHS-A-N

Smiles: CC(C)(C)OC(=O)N[C@H]1CCCCC/C=C\[C@@H]2C[C@]2(NC(=O)[C@@H]2C[C@H](CN2C1=O)OC(=O)N1Cc2c(C1)c(ccc2)F)C(=O)NS(=O)(=O)C1CC1

外观: 固体粉末

作用通路: Microbiology/Virology

作用靶点: HCV Protease; SARS-CoV

溶解性: DMSO: ≥ 100 mg/mL (136.64 mM)

保存条件: 2-8°C

产品介绍: Danoprevir (ITMN-191) is an orally active NS3/4A protease inhibitor for hepatitis C virus (HCV) with an IC₅₀ of 0.29 nM and is selective for NS3/4A over a panel of 53 proteases (IC₅₀ higher than 10 μM). Danoprevir (ITMN-191) inhibits HCV genotypes 1a, 1b, 4, 5, and 6 (IC₅₀s=0.2-0.4 nM) as well as 2b and 3a (IC₅₀s=1.6, 3.5 nM). Danoprevir is also a SARS-CoV 3CLpro inhibitor with an IC₅₀ of 0.05 μM