

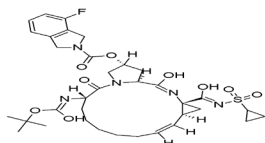
## PRODUCT: Danoprevir

**ALTERNATE NAME:** (2R,6S,13aS,14aR,16aS,Z)-6-((tert-butoxycarbonyl)amino)-14a-((cyclopropylsulfonyl)carbamoyl)-5,16-dioxo-1,2,3,5,6,7,8,9,10,11,13a,14,14a,15,16,16a-hexadecahydrocyclopropa[e]pyrrolo[1,2-a][1,4]diazacyclopentadecin-2-yl 4-fluoroisindoline-2-carboxylate; RG7227,ITMN-191

**CATALOG #:** B2184-1,5

**AMOUNT:** 1 mg, 5 mg

### STRUCTURE:



**MOLECULAR FORMULA:** C<sub>35</sub>H<sub>46</sub>FN<sub>5</sub>O<sub>9</sub>S

**MOLECULAR WEIGHT:** 731.83

**CAS NUMBER:** 850876-88-9

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>30 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C. Protect from light and light

**DESCRIPTION:** Danoprevir (R7227) is a potent and selective inhibitor of Hepatitis C Virus (HCV) NS3/4A protease, a chymotrypsin-like serine protease (IC<sub>50</sub> = 0.2 – 3.5 nM). Useful for the treatment of Hepatitis C infection. It has been used in one clinical study of patients with SARS-CoV-2.

**REFERENCES:** Jiang, Y., *et al.* (2014). *J. Med. Chem.* **57**, 1753-1769.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

Acyclovir (Cat. No. 2200-50, 250)  
5-Azacytidine (Cat. No. 1854-50, 250)  
6-Azauridine (Cat. No. B1024-100, 500)  
(-)-6-Azauridine 2', 3', 5'-triacetate (Cat. No. B1025-50, 250)  
Azidothymidine (Cat. No. B1113-10, 50)  
BMS-626529 (Cat. No. B1557-5,25)  
Clemizole (Cat. No. 2481-10,50)  
GSK1349572 (Cat. No. 2288-5, 25)  
Oseltamivir Phosphate (Cat. No. B1885-50,250)  
Oseltamivir Acid (Cat. No. B1886-1,5)  
Ribavirin (Cat. No. 2199-10, 50)  
Ritonavir (Cat. No. B2140-10,50)  
Saquinavir mesylate (Cat. No. B1999-10,50)  
Simeprevir (Cat. No. B1173-5,25)  
T-705 (Favipiravir) (Cat. No. 2778-5,25)  
Troviridine (Cat. No. B1212-10, 50)  
Valacyclovir hydrochloride (Cat. No. 2201-10, 50)  
Velpatasvir (Cat. No. B1194-5,25)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**