

Product Name : Ruzasvir

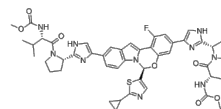
Synonyms : MK-8408; MK 8408; MK8408

Cat No. : M12336

CAS Number : 1613081-64-3

Molecular Formula : C₄₉H₅₅FN₁₀O₇S

Formula Weight : 947.10



Chemical Name : Dimethyl N,N'-(((6S)-6-(2-cyclopropyl-1,3-thiazol-5-yl)-1-fluoro-6H-indolo[1,2-c][1,3]benzoxazine-3,10-diyl]bis((1H-imidazole-4,2-diyl))[(2S)-pyrrolidine-2,1-diyl]][(2S)-3-methyl-1-oxobutane-1,2-diyl])dicarbamate

Description : A potent, pan-genotype HCV NS5A inhibitor with replicon EC₉₀ of 0.003, 0.016, 0.067, 0.036, 0.007, and 0.007 nM for GT1a, GT1a L31V, GT1a Y93H, GT2b, GT3a, and Gt4a, respectively. HCV Infection Phase 2 Clinical

Pathway : Microbiology/Virology

Target : HCV

Receptor : HCV

Solubility : —

SMILES : FC1=C(C(N2[C@H](C3=CN=C(C4CC4)S3)O5)=CC6=C2C=CC(C7=CN=C(C8N(C(C(NC(OC)=O)C(C)C)=O)CCC8)N7)=C6)C5=CC(C9=CN=C(C([C@H]10N(C(C(NC(OC)=O)C(C)C)=O)CCC10)N9)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Tong L, et al. J Med Chem. 2017 Jan 12;60(1):290-306. | 2. Wyles D, et al. Hepatology. 2017 Dec;66(6):1794-1804. | 3. Lawitz E, et al. Lancet Gastroenterol Hepatol. 2017 Nov;2(11):814-823.