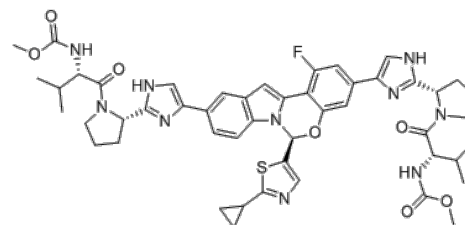


Product Name : Ruzasvir
Cat. No. : PC-60309
CAS No. : 1613081-64-3
Molecular Formula : C₄₉H₅₅FN₁₀O₇S
Molecular Weight : 947.09
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

Ruzasvir (MK-8408) is 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.

Ruzasvir (MK-8408) inhibits HCV RNA replication with EC₅₀s of 1 to 4 pM in Huh7 or Huh7.5 cells bearing replicons for HCV genotype 1 (GT1) to GT7.

Ruzasvir (MK-8408) is an HCV NS5A inhibitor with pan-genotypic profile.

References

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Lawitz E, et al. *Lancet Gastroenterol Hepatol.* 2017 Nov;2(11):814-823.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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