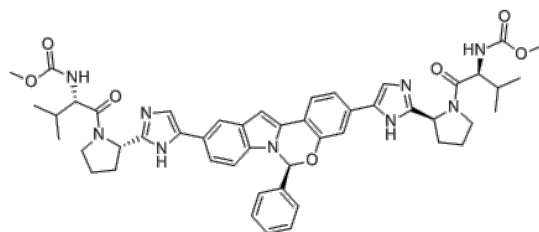


Product Name : Elbasvir
Cat. No. : PC-21353
CAS No. : 1370468-36-2
Molecular Formula : C₄₉H₅₅N₉O₇
Molecular Weight : 882.02
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

Elbasvir (MK-8742) is a potent, tetracyclic indole-based HCV NS5A inhibitor, shows broad HCV genotype activity with IC₅₀ of 0.003, 0.003, 0.004, 0.5, 2.4 nM for genotype 1b, 2a, 1a, 1aL31V and 1aY93H, respectively.

Elbasvir (MK-8742) shows an increased potency against clinically relevant resistance variants.

Elbasvir (MK-8742) exhibits antiviral activity against several HCV genotypes (including 1a, 1b, 2a, 3a, 4a) with decreased potency against genotype 2b.

References

Coburn CA, et al. ChemMedChem. 2013 Dec;8(12):1930-40.

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

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