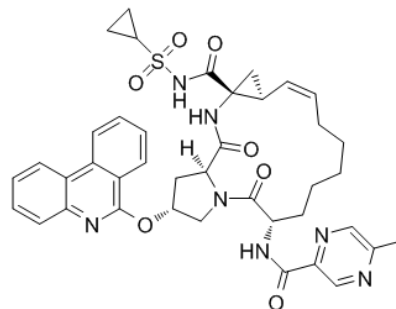


Product Name : Paritaprevir
Cat. No. : PC-43117
CAS No. : 1216941-48-8
Molecular Formula : C₄₀H₄₃N₇O₇S
Molecular Weight : 765.8771
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

Paritaprevir (ABT-450, Veruprevir) is a potent **HCV NS3/4A protease** inhibitor with EC₅₀ of 1 and 0.21 nM for HCV GT 1a and 1b, respectively.

Paritaprevir demonstrates in vitro antiviral activity against HCV GT1-4 and GT6 (EC₅₀=0.09 to 19 nM), and an EC₅₀ of 0.09 nM against GT4a.

The combination of paritaprevir, ritonavir, ombitasvir (an NS5A protein inhibitor), and dasabuvir (an NS5B non-nucleoside polymerase inhibitor) with or without RBV has been approved to treat HCV genotype 1 infections.

References

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Andreone P, et al. *Gastroenterology.* 2014 Aug;147(2):359-365.e1.

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

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