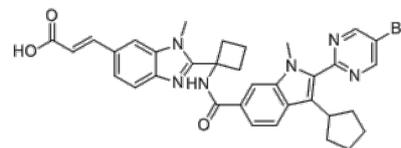


Product Name : Deleobuvir
Cat. No. : PC-60952
CAS No. : 863884-77-9
Molecular Formula : C₃₄H₃₃BrN₆O₃
Molecular Weight : 653.581
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

Deleobuvir (BI-207127, BI207127) is a potent, selective **HCV NS5B polymerase** inhibitor with IC₅₀ of 50 nM against GT-1 HCV polymerase activity.

Deleobuvir demonstrates subgenomic antiviral activity against GT1b and GT1a with EC₅₀ of 11 and 23 nM in cell-based replicon assays.

Deleobuvir shows weak or no inhibition in specificity assays that include poliovirus RdRp, mammalian DdRp II, and DNA polymerase α , β , and γ .

Deleobuvir displays good antiviral potency and tolerability in early clinical trials of short-term treatment either as a single agent or in combination with pegylated IFN- α 2a/ribavirin in HCV GT1 patients.

References

Zeuzem S, et al. *Gastroenterology*. 2011 Dec;141(6):2047-55; quiz e14.

Zeuzem S, et al. *Antivir Ther*. 2013;18(8):1015-9.

Larrey D, et al. *Antimicrob Agents Chemother*. 2013 Oct;57(10):4727-35.

LaPlante SR, et al. *J Med Chem*. 2014 Mar 13;57(5):1845-54.

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

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