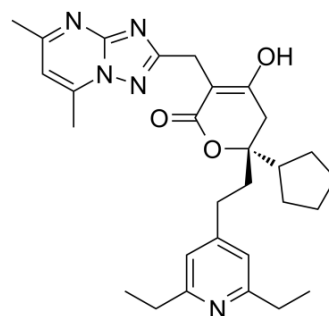


Filibuvir

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-10118 | | |
| CAS No.: | 877130-28-4 | | |
| Molecular Formula: | C ₂₉ H ₃₇ N ₅ O ₃ | | |
| Molecular Weight: | 503.64 | | |
| Target: | HCV | | |
| Pathway: | Anti-infection | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



BIOLOGICAL ACTIVITY

Description

Filibuvir is a potent, selective non-nucleoside inhibitor (NNI) of the HCV nonstructural 5B protein (NS5B) RNA-dependent RNA polymerase, and it binds noncovalently in the “Thumb 2” pocket of NS5B. In vitro, filibuvir is equipotent against genotype 1a and 1b replicons, with an EC₅₀ of 59 nM^[1].

CUSTOMER VALIDATION

- Viruses. 2020 Jun 10;12(6):E628.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Wagner F, et al. Antiviral activity of the hepatitis C virus polymerase inhibitor filibuvir in genotype 1-infected patients. *Hepatology*. 2011 Jul;54(1):50-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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