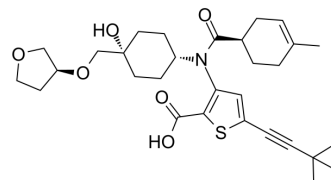


Radalbuvir

Cat. No.:	HY-16750
CAS No.:	1314795-11-3
Molecular Formula:	C ₃₀ H ₄₁ NO ₆ S
Molecular Weight:	543.71
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Radalbuvir (GS-9669) is a non-nucleoside inhibitor of nonstructural protein 5B (NS5B) RNA-dependent RNA polymerase (RdRp). Radalbuvir shows strong anti-HCV potency (GT1a intrinsic EC ₅₀ = 2.9 nM, GT1b EC ₅₀ = 6 nM) ^[1] .
In Vitro	Radalbuvir (GS-9669) shows high in vitro metabolic stability, long residence time in rats, and maintained high activity against the NS5B M423T mutation (GT1b M423T EC ₅₀ = 14 nM) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Zhou Z, et al. Small molecule NS5B RdRp non-nucleoside inhibitors for the treatment of HCV infection: A medicinal chemistry perspective. Eur J Med Chem. 2022 Jul 8;240:114595.

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

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