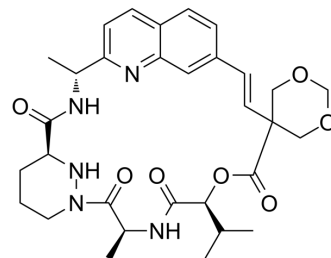


Cyclophilin inhibitor 1

Cat. No.:	HY-112712
CAS No.:	1509904-96-4
Molecular Formula:	C ₃₁ H ₃₉ N ₅ O ₇
Molecular Weight:	593.67
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cyclophilin inhibitor 1 is a potent and orally bioavailable cyclophilin A inhibitor, with a K _d of 5 nM, shows effective anti-HCV activity, with an EC ₅₀ of 98 nM for HCV 2a ^[1] .
IC₅₀ & Target	Kd: 5 nM (Cyclophilin A) ^[1] EC50: 98 nM (HCV 2a) ^[1]
In Vitro	Cyclophilin inhibitor 1 (Compound 3) inhibits HCV 2a activity, with an EC ₅₀ of 98 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mackman RL, et al. Discovery of a Potent and Orally Bioavailable Cyclophilin Inhibitor Derived from the Sanglifehrin Macrocycle. J Med Chem. 2018 Nov 8;61(21):9473-9499.

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

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