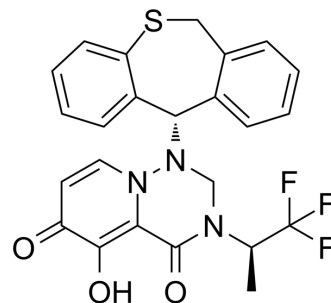


RO-7

Cat. No.:	HY-112684
CAS No.:	1370241-45-4
Molecular Formula:	C ₂₄ H ₂₀ F ₃ N ₃ O ₃ S
Molecular Weight:	487.49
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RO-7 is a next-generation polymerase (PA) endonuclease inhibitor of influenza A and B viruses.
In Vitro	RO-7 is a compound that potently inhibits influenza virus replication and belongs to a new class of drugs in late-stage clinical trials for treatment of influenza virus infection. RO-7 displays broad-spectrum anti-influenza activity in vitro and protects mice from lethal challenge with both influenza A and B viruses ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	RO-7 protects mice from lethal challenge with both influenza A and B viruses ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jones JC, et al. Identification of the I38T PA Substitution as a Resistance Marker for Next-Generation Influenza Virus Endonuclease Inhibitors. MBio. 2018 Apr 24;9(2). pii: e00430-18.

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

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