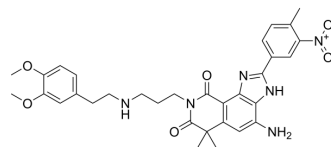


RSV L-protein-IN-1

Cat. No.:	HY-115574
CAS No.:	851658-10-1
Molecular Formula:	C ₃₂ H ₃₆ N ₆ O ₆
Molecular Weight:	600.66
Target:	RSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	RSV L-protein-IN-1 (compound D) is a potent inhibitor of Respiratory syncytial virus (RSV) (EC ₅₀ =0.021 μM). RSV L-protein-IN-1 inhibits Polymerase (IC ₅₀ =0.089 μM) and blocks RSV mRNA synthesis by inhibiting guanylation of viral transcripts. RSV L-protein-IN-1 shows moderate cytotoxicity (CC ₅₀ =8.4 μM HEP-2) also exhibits activity and lowers virus titers in mouse models of RSV infection ^[1] .
IC ₅₀ & Target	EC ₅₀ : 0.1 μM () ^[1]

REFERENCES

[1]. Liuzzi M, et al. Inhibitors of respiratory syncytial virus replication target cotranscriptional mRNA guanylation by viral RNA-dependent RNA polymerase. J Virol. 2005 Oct;79(20):13105-15.

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

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