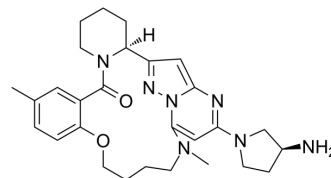


RSV-IN-5

Cat. No.:	HY-146108
CAS No.:	2415018-86-7
Molecular Formula:	C ₂₈ H ₃₇ N ₇ O ₂
Molecular Weight:	503.64
Target:	RSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

RSV-IN-5 (Compound 4) is a potent dual inhibitor of wild-type and mutant respiratory syncytial virus (RSV) fusion proteins. RSV-IN-5 exhibits potent anti-RSV activities against not only wild-type A2 F protein (EC₅₀=2.0 nM), but also D486N-mutant F protein (EC₅₀=8.1 nM)^[1].

REFERENCES

[1]. Toru Yamaguchi-Sasaki, et al. Discovery of a potent dual inhibitor of wild-type and mutant respiratory syncytial virus fusion proteins through the modulation of atropisomer interconversion properties. *Bioorg Med Chem.* 2020 Dec 15;28(24):115818.

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

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