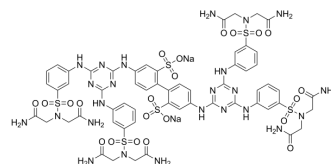


RFI-641

Cat. No.:	HY-19874
CAS No.:	197366-24-8
Molecular Formula:	C ₅₈ H ₆₀ N ₂₄ Na ₂ O ₂₂ S ₆
Molecular Weight:	1683.61
Target:	RSV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

RFI-641 is a selective inhibitor of the respiratory syncytial virus (RSV), with an IC₅₀ of 50 nM. RFI-641 inhibit binding and fusion of enveloped virus via interaction with the viral fusion protein^[1].

REFERENCES

- [1]. Nikitenko AA, et, al. The discovery of RFI-641 as a potent and selective inhibitor of the respiratory syncytial virus. *Bioorg Med Chem Lett*. 2001 Apr 23;11(8):1041-4.
- [2]. Razinkov V, et, al. RFI-641 inhibits entry of respiratory syncytial virus via interactions with fusion protein. *Chem Biol*. 2001 Jul;8(7):645-59.

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

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