

Product Data Sheet

Inhibitors

Screening Libraries

Proteins

RFI-641

Cat. No.: HY-19874
CAS No.: 197366-24-8

Molecular Formula: C₅₈H₆₀N₂₄Na₂O₂₂S₆

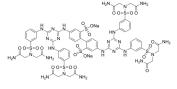
Molecular Weight: 1683.61

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 IC $_{50}$ 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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