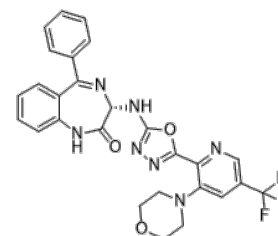


Product Name : EDP-938
Cat. No. : PC-23057
CAS No. : 2070852-76-3
Molecular Formula : C₂₇H₂₂F₃N₇O₃
Molecular Weight : 549.51
Target : RSV
Solubility : 10 mM in DMSO



Biological Activity

Zelicapavir (EDP-938) is a potent **RSV viral nucleoprotein (N)** inhibitor of both RSV-A and RSV-B activity, inhibits RSV induced CPE with EC₅₀ of 52 nM in HEp-2 cells.

Zelicapavir (EDP-938) is highly active against all RSV-A and B laboratory strains and clinical isolates tested in vitro in various cell lines and assays, with EC₅₀ of 21, 23 and 64 nM against Long (A), M37 (A) and VR-955 (B) strains, respectively, in the primary human bronchial epithelial cells (HBECs).

Zelicapavir (EDP-938) effectively blocks RSV replication by targeting a post-entry replication stage of the viral life cycle.

References

Rhodin MHJ, et al. *PLoS Pathog.* 2021 Mar 15;17(3):e1009428.

Ahmad A, et al. *N Engl J Med.* 2022 Feb 17;386(7):655-666.

Patent WO2017015449.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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