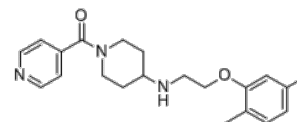


Product Name : GRP-60367
Cat. No. : PC-72433
CAS No. : 1309241-34-6
Molecular Formula : C₂₁H₂₇N₃O₂
Molecular Weight : 353.466
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

GRP-60367 (GRP60367) is a first-in-class, potent and specific, direct-acting **rabies virus** (RABV) inhibitor with EC₅₀ of 2-52 nM on different host cell lines, inhibits entry of a subset of RABV strains.

GRP-60367 did not detect morphological signs of cytotoxicity or altered cell metabolic activity after prolonged 48-h exposure of cells to up to 300 μM.

GRP-60367 shows inhibitory activity against fully replication-competent RABV-SAD-B19 (EC₅₀=0.27 μM), rRABV-CVS-N2c is approximately 10-fold less sensitive (EC₅₀=2.63 μM) and the bat isolate is insensitive (10 μM highest).

GRP-60367 efficiently inhibited the chimeric recVSV-ΔG-eGFP-GRABV virus (EC₅₀=5 nM).

GRP-60367 blocks RABV G protein-mediated viral entry.

References

Venice Du Pont, et al. *J Virol.* 2020 Jun 16;94(13):e00321-20.

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

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