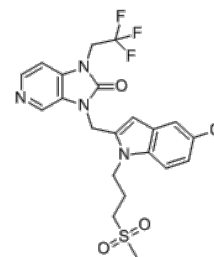


Product Name : JNJ-53718678
Cat. No. : PC-61493
CAS No. : 1383450-81-4
Molecular Formula : C₂₁H₂₀ClF₃N₄O₃S
Molecular Weight : 500.921
Target : RSV
Solubility :



Biological Activity

JNJ-53718678 (JNJ53718678, JNJ-678) is a potent (K_d=7.4 nM), small-molecule inhibitor of the F-glycoprotein-mediated complex membrane fusion process of the **RSV**; displays very potent antiviral activity and low cytotoxicity; inhibits ESV replication in HBECs with IC₅₀ of 1.2 nM, efficiently inhibits RSV infection in vivo.

RSV Infection

Phase 2 Clinical

References

Roymans D, et al. *Nat Commun.* 2017 Aug 1;8(1):167.

Huntjens DR, et al. *Clin Pharmacokinet.* 2017 Feb 25. doi: 10.1007/s40262-017-0522-8.

WO2012080446 and WO2012080447.

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

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