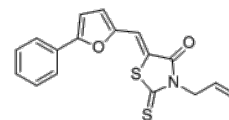


Product Name : LJ001
Cat. No. : PC-62050
CAS No. : 851305-26-5
Molecular Formula : C₁₇H₁₃NO₂S₂
Molecular Weight : 327.42
Target : Influenza Virus
Solubility : 10 mM in DMSO



Biological Activity

LJ001 ((LJ-001) is a broad-spectrum antiviral agent targeting entry of **enveloped viruses**, including influenza A, filoviruses, poxviruses, arenaviruses, bunyaviruses, paramyxoviruses, flaviviruses, and HIV-1.

LJ001 specifically intercalates into viral membranes, irreversibly inactivates virions while leaving functionally intact envelope proteins, and inhibits viral entry at a step after virus binding but before virus-cell fusion.

LJ001 specifically inhibits virus-cell but not cell-cell fusion

References

Wolf MC, et al. *Proc Natl Acad Sci U S A*. 2010 Feb 16;107(7):3157-62.

Vigant F, et al. *PLoS Pathog*. 2013;9(4):e1003297.

Balmer BF, et al. *J Virol*. 2017 Jan 31;91(4). pii: e02181-16.

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

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