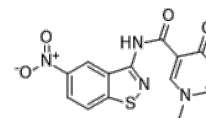


Product Name : SRSF10 inhibitor 1C8
Cat. No. : PC-23021
CAS No. : 1821309-39-0
Molecular Formula : C₁₄H₁₀N₄O₄S
Molecular Weight : 330.32
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

SRSF10 inhibitor 1C8 is a specific small molecule inhibitor of SRSF1, alters splicing regulation mediated by SRSF10, shows strong anti-HIV-1 potency against a variety of clinical strains in vitro.

SRSF10 inhibitor 1C8 decreases expression of Tat, Gag and Env, similar with RNA interference.

SRSF10 inhibitor 1C8 selectively promotes the dephosphorylation of SRSF10 and increases its interaction with hTra2 β , a protein previously implicated in the control of HIV-1 RNA splicing.

SRSF10 inhibitor 1C8 inhibited the expression of HCC tumor in vivo.

References

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Shkreta L, et al. Nucleic Acids Res. 2017; 45(7): 4051-67.

Cheung P.K., et al. J. Med. Chem. 2016; 59:1869–1879.

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

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