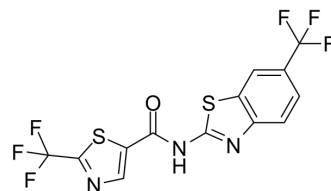


GPS491

Cat. No.:	HY-139850
CAS No.:	2655502-29-5
Molecular Formula:	C ₁₃ H ₅ F ₆ N ₃ OS ₂
Molecular Weight:	397.32
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

GPS491 (EC₅₀ = 0.47 μM) suppresses expression of the HIV-1 structural protein Gag and alters HIV-1 RNA accumulation, decreasing the abundance of RNAs encoding the structural proteins while increasing levels of viral RNAs encoding the regulatory proteins.

REFERENCES

[1]. Zamiri M, et al. 2-Trifluoromethylthiazole-5-carboxamides: Analogues of a Stilbene-Based Anti-HIV Agent that Impact HIV mRNA Processing. *ACS Med Chem Lett.* 2021 Oct 29;12(11):1818-1823.

Caution: Product has not been fully validated for medical applications. For research use only.

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