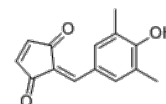


Product Name : TX-1918
Cat. No. : PC-20826
CAS No. : 503473-32-3
Molecular Formula : C₁₄H₁₂O₃
Molecular Weight : 228.25
Target : HIV
Solubility : 10 mM in DMSO



CAS: 503473-32-3

Biological Activity

TX-1918 (TX1918) is a specific inhibitor of **HIV-1 capsid** assembly targeting the C-terminal domain of HIV-1 capsid (CA CTD) with IC₅₀ of 3.81 μM, inhibits viral replication (EC₅₀=15.16 μM) and inhibits CA assembly in vitro.

TX-1918 has an antiviral EC₅₀ of 6.57 μM and cellular cytotoxicity CC₅₀ of 102.55 μM was obtained from a compound similarity search.

TX-1918 also is an **eEF-2K** inhibitor, inhibits many kinases including Src, PKA, PKC, and EGFR.

References

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Hori H. et al. *Bioorg. Med. Chem.* 10, 3257–3265. 10.1016/S0968-0896(02)00160-8.

Devkota A. K. et al. *ChemBioChem* 15, 2435–42. 10.1002/cbic.201402321.

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

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