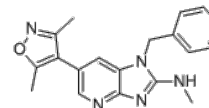


Product Name : ZEN-3694
Cat. No. : PC-61977
CAS No. : 1643947-30-1
Molecular Formula : C₁₉H₁₉N₅O
Molecular Weight : 333.40
Target : Bromodomain
Solubility : 10 mM in DMSO



CAS: 1643947-30-1

1. Aggarwal RR, et al. *Clin Cancer Res.* 2020 Oct 15;26(20):5338-5347.

Biological Activity

ZEN-3694 is a novel potent, orally bioavailable **BET bromodomain** inhibitor, selectively binds to both bromodomains of the BET proteins, inhibiting the interaction of acetylated histone peptide with IC₅₀ values in low nM range.

ZEN-3694 inhibits proliferation of MV4-11 AML cells with an IC₅₀ of 0.2 μM, and inhibits MYC mRNA expression with an IC₅₀ of 0.16 μM.

ZEN-3694 inhibits proliferation synergistically with the AR antagonists enzalutamide and ARN-509 in the AR positive VCAP prostate cancer cell line.

References

