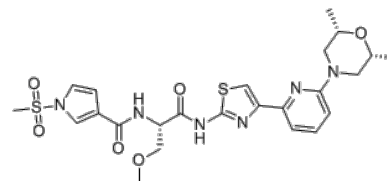


Product Name : FHD-286
Cat. No. : PC-73320
CAS No. : 2671128-05-3
Molecular Formula : C₂₄H₃₀N₆O₆S₂
Molecular Weight : 562.660
Target : Bromodomain
Solubility : 10 mM in DMSO



1. Warren C. Fiskus, et al. **Cancer Res** (2023) 83 (7_Supplement): 1140.
2. Fiskus W, et al. **Blood**. 2024 May

Biological Activity

Camibirstat (FHD-286) is a highly potent, selective, allosteric and orally available inhibitor of **BRM** (SMARCA2) and **BRG1** (SMARCA4) ATPase subunits with IC₅₀ of 4.5 nM and 6.5 nM, respectively.

FHD-286 showed low nanomolar activity in cellular MMTV luciferase assays and potent antitumor activity against the uveal melanoma 92-1 cell line both in vitro and in vivo in a mouse xenograft model.

FHD-286 has shown antiproliferative activity in xenograft models of non-small-cell lung cancer and prostate cancer.

FHD-286 has also been reported to resensitize TKI-resistant lung cancer to an EGFR inhibitor and tumor growth inhibition was observed when the two inhibitors were treated in combination in a patient-derived mouse xenograft model.

References

16;143(20):2059-2072.

