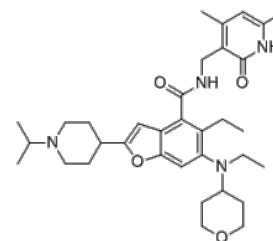


Product Name : EBI-2511
Cat. No. : PC-62526
CAS No. : 2098546-05-3
Molecular Formula : C₃₄H₄₈N₄O₄
Molecular Weight : 576.782
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

EBI-2511 is a highly potent and orally active **EZH2** inhibitor with IC₅₀ of 4 nM against mutant EZH2 A677G; significantly reduces cellular H3K27me3 levels in a dose-dependent with IC₅₀ of 8 nM in Pfeiffer cell line, IC₅₀ of 55 nM against WSU-DLCL2.

EBI-2511 dose-dependently inhibits tumor growth at 10-100 mg/kg, po.

EBI-2511 shows a superior anti-tumor efficacy to EPZ-6438 in Pfeiffer Xenograft mouse model.

References

Lu B, et al. *ACS Med Chem Lett.* 2018 Jan 29;9(2):98-102.

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

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