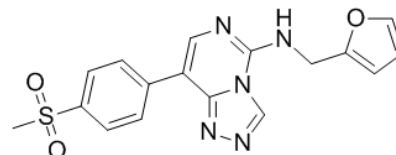


Product Name : EED226
Cat. No. : PC-42321
CAS No. : 2083627-02-3
Molecular Formula : C₁₇H₁₅N₅O₃S
Molecular Weight : 369.3977
Target : Histone Methyltransferase (HMTase)
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

EED226 (EED 226) is a potent, selective, orally bioavailable **PRC2** inhibitor that directly binds to the H3K27me3 binding pocket of EED (IC₅₀=22 nM).

EED226 shows remarkable selectivity over 21 other PRMTs, with one exception EZH1.

EED226 potently reduces global H3K27Me3 mark in cells and demonstrates selectively cell killing effects in cells carrying a heterozygous Y641N mutation.

EED226 induces robust and sustained tumor regression in EZH2MUT pre-clinical DLBCL model.

References

Qi W, et al. *Nat Chem Biol*. 2017 Apr;13(4):381-388.

Huang Y, et al. *J Med Chem*. 2017 Mar 23;60(6):2215-2226.

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

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