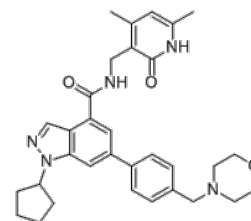


Product Name : EPZ005687
Cat. No. : PC-21951
CAS No. : 1396772-26-1
Molecular Formula : C₃₂H₃₇N₅O₃
Molecular Weight : 539.68
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

EPZ005687 is a potent, selective and SAM-competitive inhibitor of EZH2 with K_i of 24 nM, 50-fold selectivity over EZH1 and 500-fold selectivity against 15 other protein methyltransferases.

EPZ005687 reduces H3K27 methylation in various lymphoma cells.

EPZ005687 suppresses cell proliferation and migration in sarcoma cell lines.

References

Knutson SK, et al. Nat Chem Biol. 2012 Nov;8(11):890-6.

Shen JK, et al. Sci Rep. 2016 Apr 29;6:25239.

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

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