
EPZ015666 (GSK3235025)

产品编号: D50914

CAS: 1616391-65-1

分子式: C₂₀H₂₅N₅O₃

纯度: ≥98%

InChi: InChi=1S/C₂₀H₂₅N₅O₃/c26-17(10-25-6-5-14-3-1-2-4-15(14)9-25)8-21-20(27)18-7-19(23-13-22-18)24-16-11-28-12-16/h1-4,7,13,16-17,26H,5-6,8-12H₂, (H,21,27)(H,22,23,24)/t17-/m0/s1

InChi Key: ZKXZLIFRWWKZRY-KRWDZBQOSA-N

Smiles: O[C@@H](CNC(=O)C1C=C(NC2COC2)N=CN=1)CN1CCC2=CC=CC=C2C1

外观: 固体粉末

作用通路: Histone Methyltransferase

溶解性: DMSO and EtOH up to 100 mM

保存条件: Store in dry, dark place for one year.

产品介绍: EPZ015666, also known as GSK3235025, is a potent and selective and orally active PRMT5 inhibitor with a half-maximal inhibitory concentration (IC₅₀) of 22 nM and broad selectivity against a panel of other histone methyltransferases. Treatment of MCL cell lines with EPZ015666 led to inhibition of SmD3 methylation and cell death, with IC₅₀ values in the nanomolar range. Oral dosing with EPZ015666 demonstrated dose-dependent antitumor activity in multiple MCL xenograft models. EPZ015666 represents a validated chemical probe for further study of PRMT5 biology and arginine methylation in cancer and other diseases.