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## ML324

产品编号: D50849

CAS: 1222800-79-4

分子式: C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>2</sub>/c1-24(2)12-4-11-23-21(26)16-8-6-15(7-9-16)18-13-17-5-3-10-22-20(17)  
19(25)14-18/h3,5-10,13-14,25H,4,11-12H<sub>2</sub>,1-2H<sub>3</sub>, (H,23,26)

InChi Key: QDBVSOZTVKXUES-UHFFFAOYSA-N

Smiles: CN(C)CCCNC(=O)C1C=CC(=CC=1)C1=CC(O)=C2N=CC=CC2=C1

外观: 固体粉末

作用通路: CMV

溶解性: DMSO up to 100 mM

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

产品介绍: ML324 is a potent, selective and cell permeable inhibitor of Jumonji domain-containing protein 2 (JMJD2) histone demethylase with IC<sub>50</sub> ~0.92 μM toward JMJD2E. It has excellent in vitro ADME properties, and it could effectively block both herpes simplex virus (HSV) and human cytomegalovirus (hCMV) infection via inhibition viral IE gene expression. ML324 suppresses the formation of HSV plaques, even at high MOI, and blocks HSV-1 reactivation in a mouse ganglia explant model of latently infected mice.