
OG-L002

产品编号: D50827

CAS: 1357302-64-7

分子式: C₁₅H₁₅NO

纯度: ≥98%

InChi: InChI=1S/C₁₅H₁₅NO/c16-15-9-14(15)11-6-4-10(5-7-11)12-2-1-3-13(17)8-12/h1-8,14-15,17H,9,16H2/t14-,15+/m0/s1

InChi Key: DSOJSZXQRJGBCW-LSDHHAIUSA-N

Smiles: N[C@@H]1C[C@H]1C1C=CC(=CC=1)C1=CC(O)=CC=C1

外观: 固体粉末

作用通路: Histone Demethylase

溶解性: DMSO up to 100 mM

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

产品介绍: OG-L002 is a highly potent and specific inhibitor of Lysine Specific Demethylase-1 (LSD1). It inhibits LSD1 in biochemical assay with an IC₅₀ ~20 nM, and has moderate inhibitory activity against monoamine oxidases MAO-A and MAO-B with IC₅₀ ~1.38 μM and 0.72 μM respectively. It potently repressed herpes simplex virus (HSV) IE gene expression, genome replication, and reactivation from latency. OG-L002 suppressed primary lytic infection of HSV in vivo in a mouse model.