
ORY-1001 (RG-6016)

产品编号: D50952

CAS: 1431326-61-2

分子式: C₁₅H₂₄Cl₂N₂

纯度: ≥98%

InChi: InChi=1S/C15H22N2.2ClH/c16-12-6-8-13(9-7-12)17-15-10-14(15)11-4-2-1-3-5-11;;/h1-5,12-15,17H,6-10,16H2;2*1H/t12?,13?,14-,15+;;/m0../s1

InChi Key: UCINOBZMLCREGM-RNNUGBGQSA-N

Smiles: Cl.Cl.NC1CCC(CC1)N[C@@H]1C[C@H]1C1C=CC=CC=1

外观: 固体粉末

溶解性: DMSO up to 15 mM; Water up to 100 mM

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

产品介绍: ORY-1001 is a highly potent and selective inhibitor of Lysine Specific Demethylase 1 (LSD1) with IC₅₀ <20 nM. It is highly selective over related enzymes such as MAO-A/B. ORY-1001 affects AML stem cells, a sub-population of cancer cells that has been proposed to be responsible for frequent relapses of the disease. It significantly reduces tumor cell load and increases survival time in mouse models of Acute Lymphoblastic Leukaemia. Currently ORY-1001 is in Phase I/IIA clinical trial for acute leukemia.