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## GSK-LSD1

产品编号: D50845

CAS: 2102933-95-7

分子式: C<sub>14</sub>H<sub>22</sub>Cl<sub>2</sub>N<sub>2</sub>

纯度: ≥98%

InChi: InChI=1S/C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>.2ClH/c1-2-4-11(5-3-1)13-10-14(13)16-12-6-8-15-9-7-12;;/h1-5,12-16H,6-10H<sub>2</sub>;2\*1H/t13-,14+;;/m0../s1

InChi Key: PJFZOGMSPBHPNS-WICJZZOFSA-N

Smiles: Cl.Cl.C1[C@H]([C@@H]1NC1CCNCC1)C1C=CC=CC=1

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: GSK-LSD1 is a highly potent, specific and irreversible inhibitor of Lysine Specific Demethylase-1 (LSD1). It inhibits LSD1 in biochemical assay with an IC<sub>50</sub> ~16 nM, and is > 1000 fold selective over other closely related FAD utilizing enzymes (i.e. LSD2, MAO-A, MAO-B). GSK-LSD1 induces gene expression changes in cancer cell lines (average EC<sub>50</sub> < 5 nM) and inhibits cancer cell line growth (average EC<sub>50</sub> < 5 nM).