
LSD1-C76

产品编号: D51010

CAS: 1235864-15-9

分子式: C₁₉H₂₁NO₂

纯度: ≥98%

InChi: InChI=1S/C₁₉H₂₁NO₂/c1-13(15-7-8-18-19(11-15)22-10-9-21-18)20-17-12-16(17)14-5-3-2-4-6-14/h2-8,11,13,16-17,20H,9-10,12H2,1H3/t13?,16-,17+/m0/s1

InChi Key: PAXGPAVOMLKKDQ-ZMKYACIDSA-N

Smiles: CC(N[C@@H]1C[C@H]1C1C=CC=CC=1)C1=CC2OCCOC=2C=C1

外观: 固体粉末

溶解性: DMSO up to 100 mM

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

产品介绍: LSD1-C76 is the most potent and selective Lysine Specific Demethylase-1 (LSD1) inhibitor reported to date. It inhibits LSD1 with an IC₅₀ ~5 nM, but not monoamine oxidase proteins MAO-A and MAO-B (>5 μM). As LSD1 plays an important role in the epigenetic control of gene expression in normal development and cancer progression, LSD1-C76 serves as a very useful chemical probe to study the target biology.