
IOX1

产品编号: D50859

CAS: 5852-78-8

分子式: C₁₀H₇NO₃

纯度: ≥98%

InChi: InChi=1S/C10H7NO3/c12-8-4-3-7(10(13)14)6-2-1-5-11-9(6)8/h1-5,12H,(H,13,14)

InChi Key: JGRPKOGHYBAVMW-UHFFFAOYSA-N

Smiles: OC1C=CC(=C2C=CC=NC=12)C(O)=O

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: IOX1 is a cell-permeable broad-spectrum inhibitor of most 2OG oxygenases. It inhibits histone demethylase JMJD3, JMJD1A, JMJD2A, JMJD2E, JMJD2C and UTX with IC₅₀ at 0.12, 0.17, 0.2, 0.3, 0.6 and 1 μM respectively. IOX1 inhibits JMJD2A-mediated H3K9me₃ demethylation in HeLa cells.