



Product Information

Histone demethylases inhibitor GSK2879552, Purity ≥98%

Cat. No.: X24-05-ZQ375

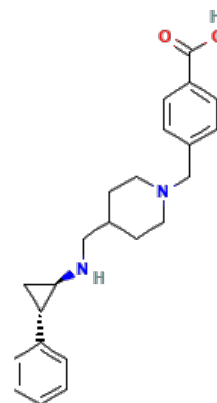
Size: 5 mg; 10 mg; 25 mg

CAS Number: 1401966-69-5

Compound CID: 66571643

Synonym: 1401966-69-5; GSK-2879552; GSK 2879552; Histone demethylases inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	GSK2879552 prevents the removal of methyl groups from histones, influencing gene expression by maintaining histone methylation.
Molecular Weight	364.48
Molecular Formula	C ₂₃ H ₂₈ N ₂ O ₂
IUPAC Name	4-[[4-[[[(1R,2S)-2-phenylcyclopropyl]amino]methyl]piperidin-1-yl]methyl]benzoic acid
InChI	InChI=1S/C23H28N2O2/c26-23(27)20-8-6-18(7-9-20)16-25-12-10-17(11-13-25)15-24-22-14-21(22)19-4-2-1-3-5-19/h1-9,17,21-22,24H,10-16H2,(H,26,27)/t21-,22+/m0/s1
InChI Key	LRULVYSBRWUVGR-FCHUYYIVSA-N
Canonical SMILES	C1CN(CCC1CNC2CC2C3=CC=CC=C3)CC4=CC=C(C=C4)C(=O)O
Isomeric SMILES	C1CN(CCC1CN[C@@H]2C[C@H]2C3=CC=CC=C3)CC4=CC=C(C=C4)C(=O)O
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	GSK2879552 can inhibit LSD1, aiding investigations into its role in cancer and neurodegenerative diseases.
Storage	Store at -20°C.