



Product Information

Histone demethylases inhibitor OG-L002, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ390

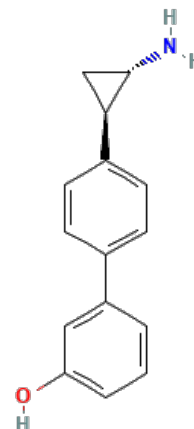
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 1357302-64-7

Compound CID: 56639570

Synonym: 1357302-64-7; OGL002; OG L002; Histone demethylases inhibitor

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



Product Information

Description	OG-L002, soluble in DMSO and ethanol and insoluble in water, prevents the removal of methyl groups from histones, influencing gene expression by maintaining histone methylation. It targets LSD1.
Molecular Weight	225.28
Molecular Formula	C ₁₅ H ₁₅ NO
Targets	LSD1: 20 nM
IUPAC Name	3-[4-[(1R,2S)-2-aminocyclopropyl]phenyl]phenol
InChI	InChI=1S/C15H15NO/c16-15-9-14(15)11-6-4-10(5-7-11)12-2-1-3-13(17)8-12/h1-8,14-15,17H,9,16H 2/t14-,15+/m1/s1
InChI Key	DSOJSZXQRJGBCW-CABCVRRESA-N
Canonical SMILES	C1C(C1N)C2=CC=C(C=C2)C3=CC(=CC=C3)O
Isomeric SMILES	C1[C@@H]([C@H]1N)C2=CC=C(C=C2)C3=CC(=CC=C3)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 41 mg/mL (181.99 mM); Water: Insoluble; Ethanol: 17 mg/mL (75.45 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	OG-L002 inhibits LSD1, facilitating studies on its role in epigenetic regulation and cancer.
Storage	Store at -20°C.



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