



Product Information

Histone demethylases inhibitor LSD1-IN-6, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ386

Size: 1 mg; 5 mg; 10 mg

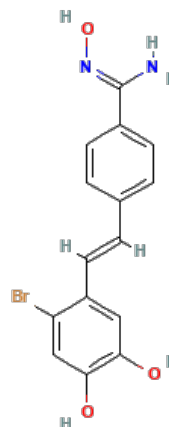
CAS Number: 2035912-43-5

Compound CID: 137639487

Synonym: 2035912-43-5; LSD1-IN-6; ChEMBL4072238; BDBM50234626;

AKOS040733624; HY-100860; Histone demethylases inhibitor

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



Product Information

Description	LSD1-IN-6 prevents the removal of methyl groups from histones, influencing gene expression by maintaining histone methylation.
Molecular Weight	349.18
Molecular Formula	C ₁₅ H ₁₃ BrN ₂ O ₃
IUPAC Name	4-[(E)-2-(2-bromo-4,5-dihydroxyphenyl)ethenyl]-N'-hydroxybenzenecarboximidamide
InChI	InChI=1S/C15H13BrN2O3/c16-12-8-14(20)13(19)7-11(12)6-3-9-1-4-10(5-2-9)15(17)18-21/h1-8,19-21H,(H2,17,18)/b6-3+
InChI Key	JDEDYOAMPIVKCF-ZZXKWWIFSA-N
Canonical SMILES	C1=CC(=CC=C1C=CC2=CC(=C(C=C2Br)O)O)C(=NO)N
Isomeric SMILES	C1=CC(=CC=C1/C=C/C2=CC(=C(C=C2Br)O)O)/C(=N/O)/N
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	LSD1-IN-6 inhibits LSD1, facilitating research on its role in transcriptional regulation and cancer.
Storage	Store at -20°C.