



Product Information

Histone demethylases inhibitor Corin, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ369

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1808113-09-8

Compound CID: 134828251

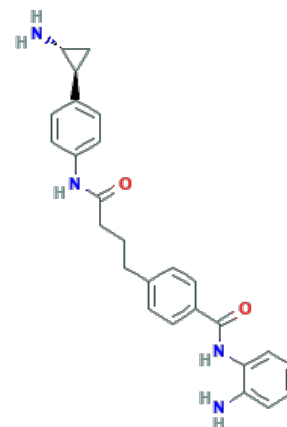
Synonym: 1808113-09-8; CORIN;

4-[4-[4-[(1S,2R

)-2-aminocyclopropyl]anilino]-4-oxobutyl]-N-(2-aminophenyl)benzamide; EX-A3134;

AKOS040732857; Histone demethylases inhibitor

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



Product Information

Description	Corin prevents the removal of methyl groups from histones, influencing gene expression by maintaining histone methylation.
Molecular Weight	428.53
Molecular Formula	C ₂₆ H ₂₈ N ₄ O ₂
IUPAC Name	4-[4-[4-[(1S,2R)-2-aminocyclopropyl]anilino]-4-oxobutyl]-N-(2-aminophenyl)benzamide
InChI	InChI=1S/C26H28N4O2/c27-22-5-1-2-6-24(22)30-26(32)19-10-8-17(9-11-19)4-3-7-25(31)29-20-14-12-18(13-15-20)21-16-23(21)28/h1-2,5-6,8-15,21,23H,3-4,7,16,27-28H2,(H,29,31)(H,30,32)/t21-,23+/m0/s1
InChI Key	TYTLARZOLKJSJU-JTHBVZDNSA-N
Canonical SMILES	C1C(C1N)C2=CC=C(C=C2)NC(=O)CCCC3=CC=C(C=C3)C(=O)NC4=CC=CC=C4N
Isomeric SMILES	C1[C@H]([C@@H]1N)C2=CC=C(C=C2)NC(=O)CCCC3=CC=C(C=C3)C(=O)NC4=CC=CC=C4N
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	Corin can be used to inhibit the histone demethylase KDM1A, aiding in studies on histone modification and gene expression.
Storage	Store at -20°C.



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