



Product Information

Histone demethylases inhibitor NCGC00247743, Purity ≥98%

Cat. No.: X24-05-ZQ389

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

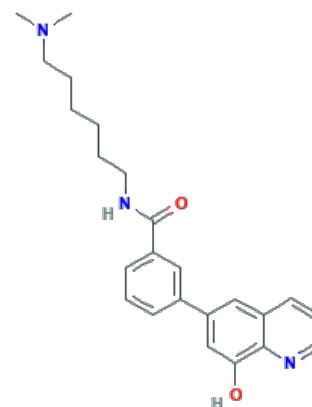
CAS Number: 1435192-04-3

Compound CID: 89564218

Synonym: 1435192-04-3; NCGC 00247743; NCGC-00247743; Histone

demethylases inhibitor

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



Product Information

Description	NCGC00247743 prevents the removal of methyl groups from histones, influencing gene expression by maintaining histone methylation.
Molecular Weight	391.51
Molecular Formula	C ₂₄ H ₂₉ N ₃ O ₂
IUPAC Name	<i>N</i> -[6-(dimethylamino)hexyl]-3-(8-hydroxyquinolin-6-yl)benzamide
InChI	InChI=1S/C24H29N3O2/c1-27(2)14-6-4-3-5-12-26-24(29)20-10-7-9-18(15-20)21-16-19-11-8-13-25-23(19)22(28)17-21/h7-11,13,15-17,28H,3-6,12,14H2,1-2H3,(H,26,29)
InChI Key	RAUALYDCIUPMKI-UHFFFAOYSA-N
Canonical SMILES	CN(C)CCCCCNC(=O)C1=CC=CC(=C1)C2=CC(=C3C(=C2)C=CC=N3)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	NCGC00247743 is a KDM5C inhibitor used to study its impact on gene expression and disease.
Storage	Store at -20°C.