



Product Information

HMT inhibitor UNC 2400, Purity ≥98%

Cat. No.: X24-05-ZQ541

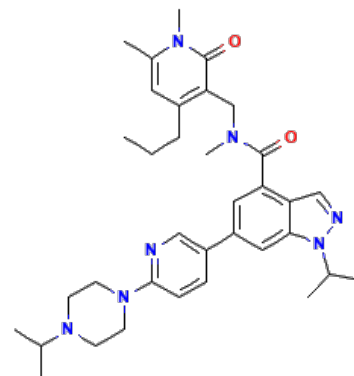
Size: 5 mg; 10 mg; 50 mg

CAS Number: 1433200-49-7

Compound CID: 91691116

Synonym: 1433200-49-7; UNC2400; UNC-2400; Histone methyltransferase inhibitor

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



Product Information

Description	UNC 2400 inhibits the enzymes that add methyl groups to histone proteins, altering chromatin structure and gene expression.
Molecular Weight	597.79
Molecular Formula	C ₃₅ H ₄₇ N ₇ O ₂
IUPAC Name	<i>N</i> -[(1,6-dimethyl-2-oxo-4-propylpyridin-3-yl)methyl]- <i>N</i> -methyl-1-propan-2-yl-6-[6-(4-propan-2-ylpiperazin-1-yl)pyridin-3-yl]indazole-4-carboxamide
InChI	InChI=1S/C35H47N7O2/c1-9-10-26-17-25(6)39(8)35(44)31(26)22-38(7)34(43)29-18-28(19-32-30(29)21-37-42(32)24(4)5)27-11-12-33(36-20-27)41-15-13-40(14-16-41)23(2)3/h11-12,17-21,23-24H,9-10,13-16,22H2,1-8H3
InChI Key	IFSQHIRDVVFJSQ-UHFFFAOYSA-N
Canonical SMILES	<chem>CCCC1=C(C(=O)N(C(=C1)C)C)CN(C)C(=O)C2=C3C=NN(C3=CC(=C2)C4=CN=C(C=C4)N5CCN(C(C5)C(C)C)C(C)C</chem>
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	UNC 2400 can be used to study G9a/GLP mediated histone methylation and its biological consequences.
Storage	Store at -20°C.