

Product Name	: Quisinostat
Synonyms	: (JNJ-26481585)
Cat No.	: M16360
CAS Number	: 875320-29-9
Molecular Formula	: C ₂₁ H ₂₆ N ₆ O ₂
Formula Weight	: 394.48
Chemical Name	: N-hydroxy-2-(4-(((1-methyl-1H-indol-3-yl)methyl)amino)methyl)piperidin-1-yl)pyrimidine-5-carboxamide
Description	Quisinostat (JNJ-26481585) is a novel second-generation HDAC inhibitor with highest potency for HDAC1 with IC ₅₀ of 0.11 nM, modest potent to HDACs 2, 4, 10, and 11; greater than 30-fold selectivity against HDACs 3, 5, 8, and 9 and lowest potency to HDACs 6 and 7. Phase 2.
Pathway	: Cell Cycle/DNA Damage
Target	: HDAC
Receptor	: HDAC1; HDAC10; HDAC11; HDAC2; HDAC3; HDAC4; HDAC5; HDAC8
Solubility	: DMSO:79 mg/mL (200.26 mM); Ethanol:<1 mg/mL (<1 mM); Water:<1 mg/mL (<1 mM)
SMILES	: O=C(C1=CN=C(N2CCC(CNCC3=CN(C)C4=C3C=CC=C4)CC2)N=C1)NO
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Arts J, et al. Clin Cancer Res, 2009, 15(22), 6841-685

