

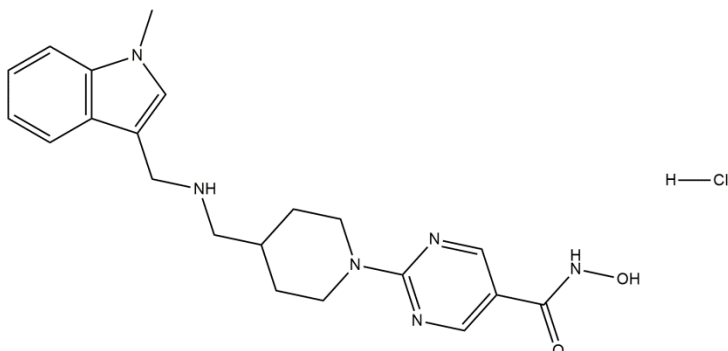
Quisinostat hydrochloride

08/20

ALTERNATE NAMES: N-hydroxy-2-(4-((((1-methyl-1H-indol-3-yl)methyl)amino)methyl)piperidin-1-yl)pyrimidine-5-carboxamide hydrochloride; JNJ-26481585

CATALOG #: B3066-5 5 mg
B3066-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₂₇ClN₆O₂

MOLECULAR WEIGHT: 430.93

CAS NUMBER: 1083078-98-1

APPEARANCE: Solid

PURITY: ≥98%

SOLUBILITY: ~20 mg/ml in DMSO

DESCRIPTION: Quisinostat is an inhibitor of histone deacetylase (HDAC). It shows activity toward HDAC enzymes with highest potency for recombinant HDAC1 (IC₅₀ = 0.11 nM) *in vitro*. The IC₅₀ values for HDAC 2 and 3 are 0.33 nM and 4.8 nM respectively. It shows broad spectrum antiproliferative activity (IC₅₀ values of 3.1-246 nM) in lung, breast, colon, prostate, brain and ovarian cancer cell lines.

STORAGE TEMPERATURE: -20°C. Store in the dark. Product is light sensitive. Protect from air. Store under desiccating conditions.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

REFERENCE: Arts, J., King, P., Mariën, A., et al. JNJ-26481585, a novel "second-generation" oral histone deacetylase inhibitor, shows broad-spectrum preclinical antitumoral activity. Clin. Cancer. Res 15(22), 6841-6851 (2009).

RELATED PRODUCTS:

4-Iodo-SAHA (Cat. No. B2800)
 BRD6929 (Cat. No. B2931)
 MPI-5a (Cat. No. B2833)
 5-Nitroso-8-quinolinol (Cat. No. B2825)
 HNHA (Cat. No. B2821)

DISCLAIMER: **FOR RESEARCH USE ONLY! Not to be used on humans.**