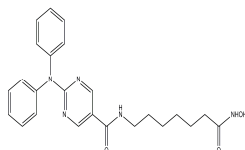


Product: ACY-1215**ALTERNATE NAME:** 2-(diphenylamino)-N-(7-(hydroxyamino)-7-oxoheptyl)pyrimidine-5-carboxamide ; Rocilinostat; ACT-1215**CATALOG #:** 2629-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₄H₂₇N₅O₃**MOLECULAR WEIGHT:** 433.50**CAS No.** 1316214-52-4**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (>75 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** ACY-1215 is a potent, cell-permeable and selective inhibitor of histone deacetylase 6 (HDAC6) (IC₅₀ = 5 nM). ACY-1215 is 12-, 10-, 11 and 21-fold less active against HDAC1, HDAC2, HDAC3 and HDAC8, respectively. It displays minimal activities (IC₅₀ > 1 μM) against HDAC4, HDAC5, HDAC7, HDAC9, HDAC11, Sirtuin1, and Sirtuin2. In combination with Tubastatin (Cat. No. 1724), it improves cognition in Alzheimer's Disease (AD) transgenic mice.**REFERENCES:** Zhang, L., *et al.* (2014). *J. Alzheimers Dis.*, May 20 (Epub ahead of print); Santo, L., *et al.* (2012). *Blood* 119, 2579-2589.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

CBHA (Cat. No. 2284-5, 10)
Chidamide (Cat. No. 2261-1, 5)
CI-994 (Cat. No. 1742-10, 50)
CUDC-101 (Cat. No. 1966-5, 25)
Depudecin (Cat. No. 2087-100)
DiscoveryPak™ HDAC Inhibitor Set (Cat. No. K851-6)
DiscoveryPak™ HDAC Inhibitor Set II (Cat. No. K876-7)
FK228 (Cat. No. 2447-1, 5)
M344 (Cat. No. 1701-1)
MS-275 (Entinostat, MS-275) (Cat. No. 1590-1,5)
Nexturastat A (Cat. No. 2098-1)
Nullscript (Cat. No. 2186-1)
Oxamflatin (Cat. No. 2250-1, 5)
Panobinostat (LBH589) (Cat. No. 1612-1,5)
PCI 34051 (Cat. No. 2251-5, 25)
PXD101 (Cat. No. 2480-5, 25)
SAHA (Cat. No. 1604-1)
SB 939 (Cat. No. 2285-1, 5)
SBHA (Cat. No. 2202-50, 250)
Sodium 4-phenylbutyrate (Cat. No. 1608-100,1000)
Sodium Butyrate (Cat. No. 1609-1000)
Splitomycin (Cat. No. 1610-5)
Trichostatin A (Cat. No. 1606-1)
Tubacin (Cat. No. 1984-250, 1000)
Tubastatin A (Cat. No. 1724-1, 5)

FOR RESEARCH USE ONLY! Not to be used in humans.