

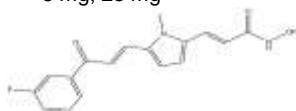
**PRODUCT: MC-1568**

**ALTERNATE NAME:** 3-[5-(3-(3-Fluorophenyl)-3-oxopropen-1-yl)-1-methyl-1H-pyrrol-2-yl]-N-hydroxy-2-propenamamide

**CATALOG #:** B1085-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>17</sub>H<sub>15</sub>FN<sub>2</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 314.31

**CAS NUMBER:** 852475-26-4

**APPEARANCE:** Orange Solid

**SOLUBILITY:** DMSO (>10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from air and light.

**DESCRIPTION:** MC-1568 is a selective class II (IIa) histone deacetylase (HDAC II) inhibitor (IC<sub>50</sub> = 220 nM). It displays >170-fold selectivity over class I HDACs, including HDAC1.

**REFERENCES:** Mai, A., *et al.* (2005). *J. Med. Chem.* **48**, 3344-3353.

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

**RELATED PRODUCTS:**

ACY-1215 (Cat. No. 2629-5, 25)  
 AR-42 (Cat. No. 2716-1,5)  
 CBHA (Cat. No. 2284-5, 10)  
 CAY10683 (Cat. No. B1051-5,25)  
 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)  
 Droxinostat (Cat. No. 9570-5,25)  
 HC Toxin (Cat. No. 2728-500, 1000)  
 ITF2357 (Cat. No. 9431-1,5)  
 JNJ-26481585 (Cat. No. 9612-5, 25)  
 FK228 (Cat. No. 2447-1, 5)  
 LAQ824 (Cat. No. 2634-1,5)  
 M344 (Cat. No. 1701-1)  
 MGCD0103 (Cat. No. 2633-10, 50)  
 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)

**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*