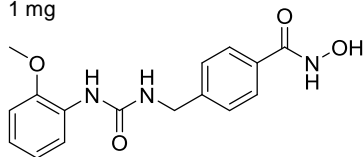


**PRODUCT: Elevenostat****ALTERNATE NAMES:** JB3-22; HDAC11i; HDAC11 inhibitor**CATALOG NUMBER:** B1893-1**AMOUNT:** 1 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>**MOLECULAR WEIGHT:** 315.32**CAS NUMBER:** N/A**APPEARANCE:** White solid**SOLUBILITY:** DMSO**PURITY:** ≥95% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light

**DESCRIPTION:** Elevenostat (JB3-22), is a small molecule hydroxamic acid derivative that acts as a HDAC11-selective inhibitor. Reporter assays using a luciferase-linked Foxp3 promoter shows that HDAC11 decreases the signal driven by NFκB/p65, alone or in the presence of transfected Foxp3, and impairs luciferase activity driven by p65, Foxp3 and the HAT enzyme, p300. The inhibitory effects of HDAC11 at the Foxp3 promoter are reversed by Elevenostat (JB3-22), (IC<sub>50</sub> 0.235 μM). Elevenostat also partially reverses the inhibitory effect of HDAC11 on p300-induced Foxp3 acetylation at lysine 31 consistent with the ability of HDAC11 to directly regulate acetylation of Foxp3.

**REFERENCES:** Huang, J., *et al.* (2017). *Scientific Reports* **7**, 8626; *Immune Regulation News* (2017). Volume **9.31**, August 18

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

**RELATED PRODUCTS:**

4SC-02 (Cat. No. B1230-5, 25)  
 ACY-215 (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)  
 Elevenostat (Cat. No. B1893-1)  
 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 USE ONLY! Not to be used in humans