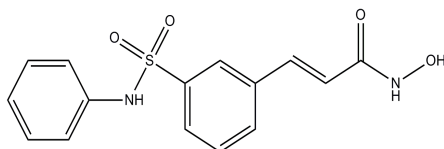


**Product: PXD101****ALTERNATE NAME:** (E)-N-hydroxy-3-[3-(phenylsulfamoyl)phenyl]prop-2-enamide;  
Belinostat**CATALOG #:** 2480-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S**MOLECULAR WEIGHT:** 318.35**CAS No.** 414864-00-9**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>50 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** A potent histone deacetylase (HDAC) activity inhibitor. It inhibits HDAC activity in HeLa cell extracts with an IC<sub>50</sub> of 27 nM. Belinostat significantly increases acetylation of histones H3 and H4 and potently inhibits the growth of prostate cancer cell lines (IC<sub>50</sub> range from 0.5 to 2.5 μM) with cytotoxic activity preferentially against tumor cells.**REFERENCES:** Gravina, G.L., *et al.* (2012). *Int. J. Oncol.* **40**, 711-720.**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**)  
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.**