**PRODUCT:** Droxinostat

**ALTERNATE NAME:** 4-(4-Chloro-2-methylphenoxy)-N-hydroxybutanamide

**CATALOG #:** 9570-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

**MOLECULAR FORMULA:** C₁₁H₁₄ClNO₃

**MOLECULAR WEIGHT:** 243.69

**CAS NUMBER:** 99873-43-5

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO (>40.0 mg/ml)

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** Droxinostat is a selective inhibitor of HDAC3, HDAC6, and HDAC8 with IC₅₀ values of 16.9, 2.47 and 1.46 μM, respectively. Droxinostat sensitizes cells to apoptosis by decreasing c-FLIPL and c-FLIPS expression, reducing cell survival, and inducing apoptosis.

**REFERENCES:** McCourt, C., et al. (2012). Clin. Cancer Res. 18, 3822-3833

**RELATED PRODUCTS:**
- ACY-1215 (Cat. No. 2629-5, 25)
- AR-42 (Cat. No. 2716-1,5)
- 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)
- HC Toxin (Cat. No. 2728-500, 1000)
- ITF2357 (Cat. No. 9431-1,5)
- FK228 (Cat. No. 2447-1, 5)
- LAQ824 (Cat. No. 2534-1,5)
- 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