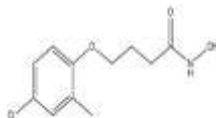


PRODUCT: Droxinostat**ALTERNATE NAME:** 4-(4-Chloro-2-methylphenoxy)-N-hydroxybutanamide**CATALOG #:** 9570-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₁H₁₄ClNO₃**MOLECULAR WEIGHT:** 243.69**CAS NUMBER:** 99873-43-5**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (>40.0 mg/ml)**PURITY:** ≥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

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)

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. 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**