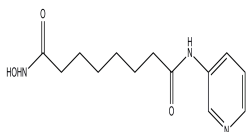


**PRODUCT: Pyroxamide****ALTERNATE NAME:** N1-hydroxy-N8-3-pyridinyl-octanediamide**CATALOG #:** 2189-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>13</sub>H<sub>19</sub>N<sub>3</sub>O<sub>3</sub>**MOLECULAR WEIGHT:** 265.31**CAS NUMBER:** 382180-17-8**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~ 10 mg/ml)**PURITY:** ≥95%**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Pyroxamide is a potent inhibitor of histone deacetylase 1 (HDAC1) (IC<sub>50</sub> = 100 nM). It induces growth suppression and cell death of certain types of cancer cells in culture.**REFERENCE:** Butler, L.M., *et al.* (2001). *Clin. Cancer Res.* 7, 962-970.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

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)

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, 5)

Panobinostat (LBH589) (Cat. No. 1612-1,5)

SAHA (Cat. No. 1604-1)

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)

Valproic Acid, Sodium Salt (Cat. No. 1647-200)

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