PRODUCT: CBHA

ALTERNATE NAME: N-hydroxy-3-[3-(hydroxyamino)-3-oxo-1-propen-1-yl]-benzamide; m-Carboxycinnamic Acid bis-Hydroxamide

CATALOG #: 2284-5, 10

AMOUNT: 5 mg, 10 mg

STRUCTURE:

MOLECULAR FORMULA: C_{10}H_{10}N_{2}O_{4}

MOLECULAR WEIGHT: 222.20

CAS NUMBER: 174664-65-4

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98%

STORAGE: At -20°C. Protect from light and moisture

DESCRIPTION: A potent histone deacetylase (HDAC) inhibitor (ID_{50} values of 0.01 and 0.07 µM in vitro for HDAC1 and HDAC3, respectively). CBHA also induces apoptosis in nine different neuroblastoma cell lines in culture (0.5-4.0 µM) and completely suppresses neuroblastoma tumor growth in SCID mice at 200 mg/kg.


RELATED PRODUCTS:
- 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)
- 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)
- SBHA (Cat. No. 2202-25, 250)
- Sodium 4-phenylbutyrate (Cat. No. 1608-100, 1000)
- Sodium Butyrate (Cat. No. 1609-1000)
- Splitomicin (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

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