PRODUCT: FK228

ALTERNATE NAME: Romidepsin; Depsipeptide; FR901228

CATALOG #: 2447-1

AMOUNT: 1 mg

STRUCTURE:

MOLECULAR FORMULA: C_{24}H_{36}N_{4}O_{6}S_{2}

MOLECULAR WEIGHT: 540.7

CAS#: 128517-07-7

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 5 mg/ml)

PURITY: >98% by HPLC

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

DESCRIPTION: A natural prodrug that inhibits Class I histone deacetylases (HDACs) (IC_{50} values are: 36, 47, 510 and 14000 nM for HDAC1, HDAC2, HDAC4 and HDAC6, respectively). Displays potent anticancer activities.


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)
- 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.