

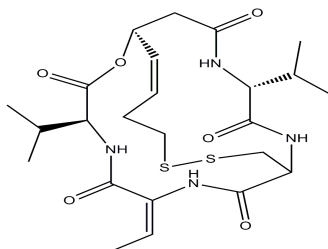
PRODUCT: FK228

ALTERNATE NAME: Romidepsin; Depsipeptide; FR901228

CATALOG #: 2447-1

AMOUNT: 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₃₆N₄O₆S₂

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) (IC₅₀ values are: 36, 47, 510 and 14000 nM for HDAC1, HDAC2, HDAC4 and HDAC6, respectively). Displays potent anticancer activities.

REFERENCE: Furumai, R., *et al.* (2002). *Cancer Res.* **62**, 4916-4921.

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.