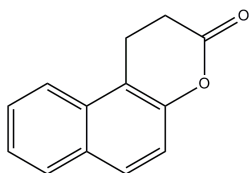


Splitomicin

CATALOG #: 1610-5

AMOUNT: 5 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₃H₁₀O₂

MOLECULAR WEIGHT: 198.2

CAS NUMBER: 5690-03-9

PURITY: ≥98%

APPEARANCE: White to off-white solid

SOLUBILITY: Soluble in DMSO (100 mg/ml)

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

.DESCRIPTION:

Potent inhibitor of yeast NAD⁺-dependent histone deacetylase Sir2p (IC₅₀ = 60 μM). Sensitizes mammalian cells to a variety of DNA-damaging agents by abrogating Sir2p activity on p53. Acts by either altering or blocking access to the acetylated histone binding pocket.

REFERENCES: Bedalov, A. et. Al. (2001) *Proc. Natl. Acad. Sci. USA* **98**, 15113.

CAUTION: May be harmful by inhalation, in contact with skin and if swallowed.

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)
SBHA (Cat. No. 2202-50, 250)
SB 939 (Cat. No. 2285-1, 5)
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.