

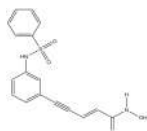
PRODUCT: Oxamflatin

ALTERNATE NAME: N-hydroxy-5-[3-[(phenylsulfonyl)amino]phenyl]-2E-penten-4-ynamide; Metacept 3

CATALOG #: 2250-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₄N₂O₄S

MOLECULAR WEIGHT: 342.37

CAS NUMBER: 151720-43-3

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (5 mg/ml) or EtOH (0.5 mg/ml)

PURITY: ≥95%

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

DESCRIPTION: A potent inhibitor of mammalian histone deacetylases (HDACs) (IC₅₀ = 15.7 nM). A novel antitumor agent; oxamflatin modifies epigenetic status and gene expression, increases blastocyst quality, and subsequently enhances the nuclear reprogramming and developmental potential of SCNT (somatic cell nuclear transfer) embryos.

REFERENCE: Su, J., *et al.* (2011). *PLoS One* **6**, e23805

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)
- 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)
- Panobinostat (LBH589) (Cat. No. 1612-1,5)
- SAHA (Cat. No. 1604-1)
- 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)

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