PRODUCT: LMK-235

ALTERNATE NAMES: LMK235; LMK 235; N-[6-(hydroxyamino)-6-oxohexoxy]-3,5-dimethylbenzamide

CATALOG#: B1642-5,-25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₁₅H₂₂N₂O₄

MOLECULAR WEIGHT: 294.35

CAS NUMBER: 1418033-25-6

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: LMK235 is a HDAC inhibitor, previously shown to be a novel and specific inhibitor of human HDAC4 and 5, with IC₅₀ values of 0.49 μM (A2780) and 0.32 μM (A2780 CisR).

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

RELATED PRODUCTS:
- Apicidin (Cat. No. 1601-1)
- DiscoveryPak™ HDAC Inhibitor Set (Cat. No. K851-6)
- M344 (Cat. No. 1607-1)
- MS-375 (Entinostat) (Cat. No. 1590-1,5)
- Panobinostat(LBH589) (Cat. No. 1612-1,5)
- Sodium 4-Phenylbutyrate (Cat. No. 1608-100,1000)
- Sodium Butyrate (Cat. No. 1609-1000)
- Splitomycin (Cat. No. 1610-5)
- Trichostatin (Cat. No. 1606-1)
- Valproic Acid, Sodium Salt (Cat. No. 1647-200)

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