

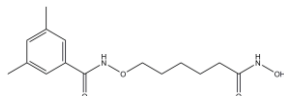
**PRODUCT: LMK-235**

**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:** C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>4</sub>

**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 IC<sub>50</sub> 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*