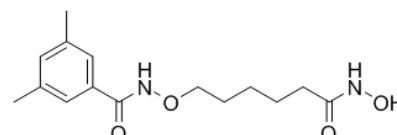


Product Name : LMK-235
Cat. No. : PC-45595
CAS No. : 1418033-25-6
Molecular Formula : C₁₅H₂₂N₂O₄
Molecular Weight : 294.3462
Target : HDAC
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

LMK-235 (LMK235) is a selective **HDAC5** and **HDAC4** inhibitor with IC₅₀ of 4.22 nM and 11.9 nM respectively.

LMK-235 is less potent for HDAC1/11/2/8.

LMK-235 demonstrates activity against chemoresistant cancer cell lines in an MTT assay for cytotoxicity using human ovarian cancer cell lines A2780 and cisplatin resistant A2780CisR (IC₅₀ =0.49 and 0.32 uM respectively).

References

Marek L, et al. *J Med Chem*. 2013 Jan 24;56(2):427-36.

Li A, et al. *Eur J Pain*. 2013 Sep;17(8):1156-67.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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