HDAC1&2 Inhibitor

**ALTERNATE NAMES:** Methyl ester of N-[4-[(2-thienyl)phenyl]amino][2-(2-thienyl)phenyl]carbonyl[phenyl]methyl]-carbamic acid; methyl 4-((2-amino-5-(thiophen-2-yl)phenyl)carbamoyl)benzylcarbamate

**CATALOG #:**
- B2930-5 5 mg
- B2930-25 25 mg

**STRUCTURE:**

![Structure Image]

**MOLECULAR FORMULA:** C₂₀H₁₉N₃O₃S

**MOLECULAR WEIGHT:** 381.45

**CAS NUMBER:** 1013330-84-1

**APPEARANCE:** Solid

**PURITY:** 97%

**SOLUBILITY:** Soluble in DMSO

**DESCRIPTION:** HDAC1&2 inhibitor selectively inhibits HDAC1 and HDAC2 with an IC₅₀ of 10 nM and 105 nM for HDAC1 and HDAC2 respectively. It shows a GI₅₀ of 100 nM for HCT-116 cells.

**STORAGE TEMPERATURE:** -20°C. Store in the dark. Product is light sensitive. Protect from air. Store under desiccating conditions.


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

**RELATED PRODUCTS:**
- MPI-5a (Cat. No. B2833)
- HNHA (Cat. No. B2821)
- 5-Nitroso-8-quinolinol (Cat. No. B2825)
- 4-Iodo-SHA (Cat. No. B2800)
- Coumarin-SHA (Cat. No. B2805)

**DISCLAIMER:** **FOR RESEARCH USE ONLY! Not to be used on humans.**