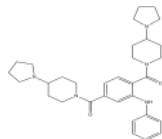


PRODUCT: UNC 1215**ALTERNATE NAME:** (2-(Phenylamino)-1,4-phenylene)bis((4-(pyrrolidin-1-yl)piperidin-1-yl)methanone)**CATALOG #:** 2252-1,5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₃₂H₄₃N₅O₂**MOLECULAR WEIGHT:** 529.72**CAS NUMBER:** 1415800-43-9**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (50 mM)**PURITY:** ≥98% by HPLC**STORAGE:** At -20° C. Protect from light and moisture**DESCRIPTION:** Cell-permeable. A potent and selective chemical probe for the methyllysine (Kme) reading function of L3MBTL3, a member of the malignant brain tumor (MBT) family of chromatin-interacting transcriptional repressors. It binds L3MBTL3 with a K_d value of 120 nM (IC₅₀ = 40 nM), competitively displacing mono- or dimethyl-lysine containing peptides. UNC1215 is > 50-fold selective toward L3MBTL3 than other members of the human MBT family and demonstrates selectivity against more than 200 other Kme reader domains examined.**REFERENCE:** James, L.I., *et al.* (2013). *Nat. Chem. Biol.* In press.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

AMI-1 (Cat. No. 1943-5, 25)

Aza-2'-deoxycytidine (Cat. No. 1754-10, 50)

5- BIX01294 (Cat. No. 1678-5, 25)

Bromodomain Inhibitor, (+)-JQ1 (Cat. No. 2070-1, 5)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

3-Deazaneplanocin (Cat. No. 2060-250, 1000)

Lomeguatrib (Cat. No. 2224-5, 25)

RG108 (Cat. No. 1679-10, 30)

UNC0638 (Cat. No. 1933-1, 5)

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