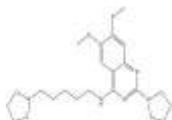


PRODUCT: UNC0379**ALTERNATE NAME:** 6,7-dimethoxy-2-(pyrrolidin-1-yl)-N-(5-(pyrrolidin-1-yl)pentyl)quinazolin-4-amine**CATALOG #:** 9588-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₃H₃₅N₅O₂**MOLECULAR WEIGHT:** 413.56**CAS NUMBER:** 1620401-82-2**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO (~20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** UNC0379 is a selective, substrate-competitive inhibitor of the lysine methyltransferase SET8 (IC₅₀ = 7.3 μM; K_d = 18.3 μM). It is selective for SET8 over 15 other methyltransferases, including G9a and GLP (IC₅₀s = >100 μM).**REFERENCES:** Ma, A., *et al.* (2014). *J. Med. Chem.* **57**, 6822-6833.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

A-366 (Cat. No. 2859-1, 5)

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)

BRD4770 (Cat. No.9525-5, 25)

EZSolution™ (+)-JQ1 (Cat. No. 2091-1)

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

2'-Deoxy-5-fluorocytidine (Cat. No. 2387-50, 250)

EPZ-015666 (Cat. No. 9510-1,5)

GSK-503 (Cat. No. 9538-5,25)

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

Nanaomycin A (Cat. No. 2790-5, 25)

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

SGI-1027 (Cat. No. 2726-5, 25)

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

UNC0642 (Cat. No. 2862-5, 25)

Zebularine (Cat. No. 2225-1, 5)

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