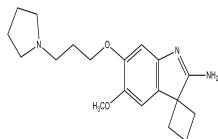


PRODUCT: A-366**ALTERNATE NAME:** 5'-Methoxy-6'-[3-(1-pyrrolidinyl)propoxy]spiro[cyclobutane-1,3'-[3H]indol]-2'-amine**CATALOG #:** 2859-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₉H₂₇N₃O₂**MOLECULAR WEIGHT:** 329.44**CAS NUMBER:** 1527503-11-2**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>25 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light

DESCRIPTION: A-366 is a potent and selective G9a/GLP histone lysine methyltransferase inhibitor (IC₅₀ = 3.3 nM). It displays >1000-fold selectivity for G9a/GLP over 21 other methyltransferases. A-366 has been shown to inhibit H3K9 methylation in prostate cancer PC3 cells with an IC₅₀ of 100 nM.

REFERENCES: Sweis, R.F., *et al.* (2014). *ACS Med. Chem. Lett.* **5**, 205-209.**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)

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

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)

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

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