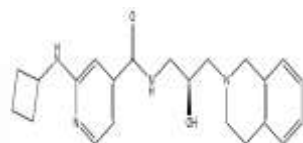


PRODUCT: EPZ015866 (GSK591)**ALTERNATE NAME:** (S)-2-(cyclobutylamino)-N-(3-(3,4-dihydroisoquinolin-2(1H)-yl)-2-hydroxypropyl)isonicotinamide**CATALOG #:** B1216-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₂₈N₄O₂**MOLECULAR WEIGHT:** 380.5**CAS NUMBER:** 1616391-87-7**APPEARANCE:** Crystalline Solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.**DESCRIPTION:** EPZ015866 (GSK591) is a potent selective inhibitor of the arginine methyltransferase PRMT5/MEP50 complex thus stopping the methylation of histone H4 with IC₅₀ of 11 nM. It also maintains superior selectivity against other panels of methyl transferases inhibiting the symmetric arginine methylation of SmD3 with EC₅₀ of 56 nM.**REFERENCES:** Duncan, K.W., *et al.* (2015). *ACS Med. Chem. Lett.* **7**, 162-166.**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)

CL7280948 (B1153)

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)

EPZ-015866 (Cat. No. B1216-5,25)

HLCI-61 hydrochloride (Cat. No. B1209-5,25)

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)

TC-E 5003 (Cat. No. B1177-10, 50)

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

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

WDR5 polyclonal Antibody (6846)

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

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