

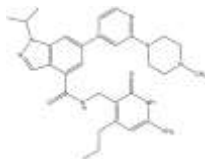
PRODUCT: GSK343

ALTERNATE NAME: 1-Isopropyl-N-((6-methyl-2-oxo-4-propyl-1,2-dihydropyridin-3-yl)methyl)-6-(2-(4-methylpiperazin-1-yl)pyridine-4-yl)-1H-indazole-4-carboxamide

CATALOG #: 2281-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₁H₃₉N₇O₂

MOLECULAR WEIGHT: 541.69

CAS#: 1346704-33-3

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥99% by HPLC

STORAGE: At -20° C. Protect from light and moisture

DESCRIPTION: A potent histone H3-lysine 27 (H3K27) methyltransferase EZH2 inhibitor (IC₅₀ = 4 nM). Displays 1000-fold selectivity for other HMTs except EZH1 (60-fold selectivity). GSK343 inhibits H3K27 methylation in HCC1806 cells with an IC₅₀ of <200nM (measured by immunofluorescence).

REFERENCE: Verma, S.K., *et al.* (2012). *ACS Med.Chem. Lett.* **3**, 1091-1096.

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)

GSK126 (Cat. No. 2282-1, 5)

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

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

UNC0638 (Cat. No. 1933-1,

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

USAGE:

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