

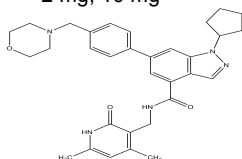
PRODUCT: EZH2 Inhibitor, EPZ005687

ALTERNATE NAME: 1-Cyclopentyl-N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-6-(4-(morpholinomethyl)phenyl)-1H-indazole-4-carboxamide

CATALOG #: 2364-2, 10

AMOUNT: 2 mg, 10 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₂H₃₇N₅O₃

MOLECULAR WEIGHT: 539.67

CAS NUMBER: 1396772-26-1

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: ≥99% by HPLc

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

DESCRIPTION: A potent and selective inhibitor of histone lysine N-methyltransferase EZH2 (K_i = 24 nM). It displays more than 500-fold selectivity against 15 other protein methyltransferases and has 50-fold selectivity against the closely related enzyme, EZH1.

REFERENCE: Knutson, S.K., *et al.* (2012). *Nat. Chem. Biol.* **8**, 890-896.

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)

GSK343 (Cat. No. 2281-1, 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**