

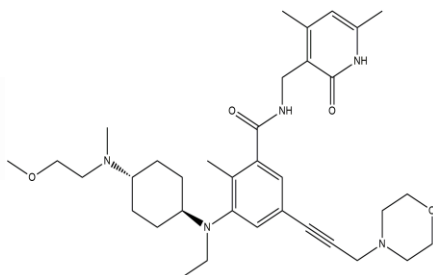
PRODUCT: EPZ011989

ALTERNATE NAME: N-((4,6-dimethyl-2-oxo-1,2-dihydropyridin-3-yl)methyl)-3-(ethyl((1*r*,4*r*)-4-((2-methoxyethyl)(methyl)amino)cyclohexyl)amino)-2-methyl-5-(3-morpholinoprop-1-yn-1-yl)benzamide

CATALOG #: B1221-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₅H₅₁N₅O₄

MOLECULAR WEIGHT: 605.82

CAS NUMBER: 1598383-40-4

APPEARANCE: Light yellow powder

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: ≥ 95% by HPLC

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

DESCRIPTION: EPZ011989 is a potent EZH2 inhibitor with K_i values that are less than 3 nM for wild type and Tyr⁶⁴⁶ mutated EZH2. It displays 15-fold selectivity for EZH2 over EZH1 and is without effect against an array of other lysine methyltransferases. EPZ011989 demonstrates significant tumor growth inhibition in a mouse xenograft model of human B cell lymphoma.

REFERENCES: Campbell, J.E., *et al.* (2015). *ACS Med. Chem. Lett.* **6**, 491-495

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)
- EPZ011989 (Cat. Np. B1221-5,25)
- 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**