

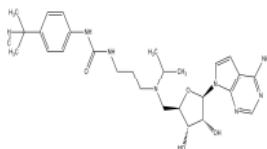
PRODUCT: EPZ004777

ALTERNATE NAME: 1-(3-(((2R,3S,4R,5R)-5-(4-amino-7H-pyrrolo[2,3-d]pyrimidin-7-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl)(isopropyl)amino)propyl)-3-(4-(tert-butyl)phenyl)urea

CATALOG #: 2381-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₄₁N₇O₄

MOLECULAR WEIGHT: 539.67

CAS NUMBER: 1338466-77-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: A potent and selective DOT1L inhibitor. Treatment of leukemic cells with EPZ004777 results in selective killing of those cells bearing the MLL (mixed lineage leukemia) gene translocation, with little effect on non-MLL-translocated cells.

REFERENCE: Daigle, S.R., *et al.* (2011). *Cancer Cell* **20**, 53-65.

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)
EPZ005687 (Cat. No. 2364-2, 10)
EZSolution™ EPZ005687 (Cat. No. 2375-2)
EZSolution™ GSK126 (Cat. No. 2366-1)
EZSolution™ (+)-JQ1 (Cat. No. 2091-1)
3-Deazaneplanocin (Cat. No. 2060-250, 1000)
GSK343 (Cat. No. 2281-1, 5)
EZSolution™ GSK343 (Cat. No. 2365-1)
EZSolution™ GSK126 (Cat. No. 2366-1)
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**