

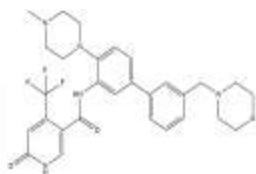
PRODUCT: OICR-9429

ALTERNATE NAME: N-[2-(4-Methylpiperazin-1-yl)-5-[3-(morpholin-4-ylmethyl)phenyl]phenyl]-6-oxo-4-(trifluoromethyl)-1,6-dihydropyridine-3-carboxamide

CATALOG #: B1256-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₉H₃₂F₃N₅O₃

MOLECULAR WEIGHT: 555.59

CAS NUMBER: 1801787-56-3

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (>25 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: OICR-9429 is a small-molecule inhibitor of the WDR5-MLL interaction that effectively stops the growth of breast cancer cell lines driven by p53 gene mutation. It also stops the growth of subtype of leukemia cells having specific mutation found in about 9% of the patients with acute myeloid leukemia. WDR5 is a component of a mixed-lineage leukemia (MLL) methyltransferase complex that targets histone 3.

REFERENCES: Grebien, F., *et al.* (2015). *Nat. Chem. Biol.* **11**,571-578

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)

SGL-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 CH USE ONLY! Not to be used in humans**