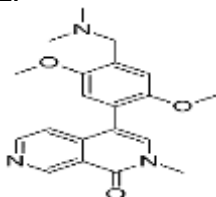


PRODUCT: BI-9564**ALTERNATE NAME:** 4-(4-((dimethylamino)methyl)-2,5-dimethoxyphenyl)-2-methyl-2,7-naphthyridin-1(2H)-one**CATALOG NUMBER:** B1880-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₂₃N₃O₃**MOLECULAR WEIGHT:** 353.41**CAS NUMBER:** 1883429-22-8**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** BI-9564 is a potent, selective and cell-permeable BRD9 and BRD7 inhibitor (K_d values are 14 and 239 nM, respectively). Displays selectivity for BRD9/7 over 48 other bromodomains, 324 kinases and 55 GPCRs. Inhibits proliferation of AML cell lines *in vitro* and reduces AML tumor xenograft growth *in vivo*.**REFERENCES:** Martin, L.J., *et al.* (2016). *J. Med. Chem.* **59**, 4462-4475.**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)

BAZ2-ICR (B1865)

BI-7273 (B1879)

BI-9564 (B1880)

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)

Mivebresib (Cat. No. B1564-5,25)

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,

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**