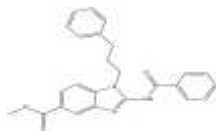


PRODUCT: BRD4770**ALTERNATE NAME:** Methyl 2-benzamido-1-(3-phenylpropyl)-1H-benzof[d]imidazole-5-carboxylate**CATALOG #:** 9525-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₅H₂₃N₃O₃**MOLECULAR WEIGHT:** 413.47**CAS NUMBER:** 1374601-40-7**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (10 mg/ml)**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** BRD4770 is a selective inhibitor of the histone methyltransferase G9a (also named euchromatin histone methyltransferase 2 (EHMT2)). BRD4770 blocks lysine residue 9 methylation of histone H3 without inducing apoptosis. In addition, it induces senescence, and inhibits both anchorage-dependent and -independent proliferation in the pancreatic cancer cell line PANC-1.**REFERENCES:** Yuan, Y., *et al.* (2012). *ACS Chem.Biol.* **7**, 1152-1157.**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)

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)

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