PRODUCT: BRD4770

ALTERNATE NAME: Methyl 2-benzamido-1-(3-phenylpropyl)-1H-benzo[d]imidazole-5-carboxylate

CATALOG #: 9525-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{25}H_{23}N_{3}O_{3}

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.


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'-deoxyctydine (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)
- UNCO638 (Cat. No. 1933-1, 5)
- UNCO642 (Cat. No. 2862-5, 25)
- Zebularine (Cat. No. 2225-1, 5)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in human.