

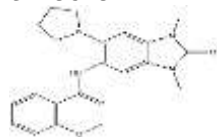
PFI-4

ALTERNATE NAME: N-[2,3-Dihydro-1,3-dimethyl-2-oxo-6-(1-pyrrolidinyl)-1H-benzimidazol-5-yl]-2-methoxybenzamide

CATALOG #: B2330-5
B2330-25

AMOUNT: 5 mg
25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁ H₂₄ N₄ O₃

MOLECULAR WEIGHT: 380.44

CAS NUMBER: 900305-37-5

APPEARANCE: Pale green solid

PURITY: ≥ by HPLC

SOLUBILITY: >15 mg/ml (DMSO)

REFERENCES: Demont, E.H., et al. (2014). ACS Med. Chem. Lett. 5, 1190-1195.

DESCRIPTION: PFI-4 is a potent and selective BRPF1 bromodomain inhibitor (IC₅₀ = 80 nM). Displays >100-fold selectivity for BRPF1 over a panel of other bromodomains including BRPF2 (BRD1), BRPF3 and BRD4. BRPF1 is important for maintaining Hox gene expression and the development of multiple tissues, axial skeleton, and the hematopoietic system.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

CPI-0610 (B1201)
(-)-JQ1 (2384)
AZD-5153 (B2020)
I-BET151 (2220)
Bromosporine (2652)
ARV-825 (B2019)
Bromodamin Inhibitor, (+)-JQ1 (2070)
BMS-986158 (B2021)
I-CBP112 (9405)
BI-7273 (B1879)
PFI-1 (2203)
I-BET762 (2628)
I-BET726 (B1569)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*