

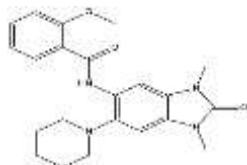
GSK-5959

ALTERNATE NAME: N-[2,3-Dihydro-1,3-dimethyl-2-oxo-6-(1-piperidiny)-1H-benzimidazol-5-yl]-2-methoxybenzamide
GSK5959

CATALOG #: B2343-25
B2343-5

AMOUNT: 25 mg
5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂ H₂₆ N₄ O₃

MOLECULAR WEIGHT: 394.47

CAS NUMBER: 901245-65-6

APPEARANCE: Pale yellow solid

PURITY: ≥98% by HPLC

SOLUBILITY: ~4 mg/ml (DMSO)

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

DESCRIPTION: GSK-5959 is a potent and selective BRPF1 (BR140 or Peregrin) bromodomain inhibitor (IC₅₀ = 80 nM). GSK-5959 displays >100-fold selectivity for BRPF1 over a panel of 35 other bromodomains. BRPF1 (bromodomain and PHD finger containing protein 1) is involved in the epigenetic regulation of gene expression and have been implicated in human cancer.

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

RELATED PRODUCTS:

Bromosporine (2652)
PFI-4 (B2330)
I-BET762 (2628)
I-BET726 (B1569)
Bromodomain Inhibitor, (+)-JQ1 (2070)
SGC-CBP30 (9554)
I-BET151 (2220)
BI-7273 (B1879)
AZD-5153 (B2020)
Mivebresib (B1564)

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