PRODUCT: GSK461364

ALTERNATE NAME: 5-f6-[(4-methyl)piperazin-1-yl)methyl]-1H-benzo[d]imidazol-1-yl)-3-[(R)-1-(2-(trifluoromethyl)phenyl)ethoxy]thiophene-2-carboxamide

CATALOG #: 2287-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{27}H_{28}F_{3}N_{5}O_{2}S

MOLECULAR WEIGHT: 543.60

CAS NUMBER: 929095-18-1

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: At -20°C. Protect from light and moisture

DESCRIPTION: A potent, selective and ATP-competitive inhibitor of Polo Like Kinase 1 (PLK1) (Ki = 2 nM). Displays >100-fold selectivity for PLK1 over PLK2 and PLK3. Shows anti-proliferative activity against several tumor cell lines.


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

RELATED PRODUCTS:
BI 6727 (Cat. No. 2222-1, 5)
Wortmannin (Cat. No. 1670-1)

FOR RESEARCH CH USE ONLY! Not to be used in humans