PRODUCT: BMS-3

ALTERNATE NAME: N-[5-[1-(2,6-dichlorophenyl)-3-(difluoromethyl)-1H-pyrazol-5-yl]-2-thiazolyl]-cyclopropanecarboxamide

CATALOG #: B2298-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{17}H_{12}Cl_{2}F_{2}N_{4}OS

MOLECULAR WEIGHT: 429.27

CAS NUMBER: 1338247-30-5

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (~10 mg/ml)

PURITY: ≥97% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: BMS-3 is a potent and specific inhibitor of activated LIM domain kinases LIMK1 and LIMK2 (IC_{50}s = 5 and 6 nM, respectively). LIMK1 is responsible for the inactivation of cofilin (ADF family protein), leading to actin reorganization. It is upregulated in several invasive cancers.


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

RELATED PRODUCTS:
BMS-3 (B2298)
T501640 (B1097)
SR7826 (B1096)
LIMKi 3 (B1095)
LIMK1 Antibody (3433)
LIMK2 Antibody (3584)

USAGE: FOR RESEARCH USE ONLY! Not to be used in humans