PRODUCT:  LIMKi 3

ALTERNATE NAME:  N-[5-[1-(2,6-Dichlorophenyl)-3-(difluoromethyl)-1H-pyrazol-5-yl]-2-thiazolyl]-2-methylpropanamide ; BMS 5

CATALOG #:  B1095-5, 25

AMOUNT:  5 mg, 25 mg

STRUCTURE:  

MOLECULAR FORMULA:  C₁₇H₁₄Cl₂F₂N₄OS

MOLECULAR WEIGHT:  431.29

CAS NUMBER:  1338247-35-0

APPEARANCE:  White Solid

SOLUBILITY:  DMSO (>40 mg/ml)

PURITY:  ≥98% by HPLC

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

DESCRIPTION:  LIMKi 3 is a potent, and cell-permeable inhibitor of LIMK1 (IC₅₀ = 7 nM) and LIMK2 (IC₅₀ = 8 nM) and inhibits coflin phosphorylation in MDA-MB-231 breast cancer cells without affecting tubulin polymerization or inducing cytotoxicity. It also reduces MDA-MB-231 tumor cell invasion in a 3D matrigel invasion assay.


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

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

RELATED PRODUCTS:  
LIMK1 Antibody (3433-100)
LIMK1 Antibody (3584-100)