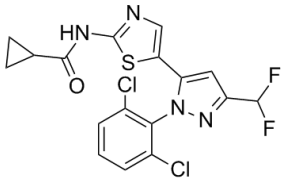
Product Name	:	BMS-3
Synonyms	:	BMS-3; BMS 3; BMS3
Cat No.	:	M17955
CAS Number	:	1338247-30-5
Molecular Formula	:	C17H12Cl2F2N4OS
Formula Weight	:	429.27
Chemical Name	:	N-[5-[2-(2,6-Dichlorophenyl)-5-(difluoromethyl)pyrazol-3-yl]-1,3-thiazol-2-yl]cyclopropanecarboxamide
Description	:	BMS-3 is a LIM kinase 1 (LIMK1) inhibitor. LIMK inhibition with 1 μM BMS-3 damaged MTOC protein localisation to spindle poles, undermined the formation and positioning of functional MTOC and thus disrupted spindle formation and chromosome alignment. These effects were phenocopied by microinjection of LIMK1 antibody into mouse oocytes. LIM kinase 1 (LIMK1) activity is essential for cell migration and cell cycle progression.
Pathway	:	Others
Target	:	Other Targets
Receptor	:	LIMK1;LIMK2
Solubility	:	DMSO : ≥ 30 mg/mL6; 9.89 mM
SMILES	:	O=C(Nc1ncc(s1)c2cc(nn2c3c(Cl)cccc3Cl)C(F)F)C4CC4
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1.Ross-Macdonald P, et al. Identification of a nonkinase target mediating cytotoxicity of novel kinase inhibitors. Mol Cancer Ther. 2008 Nov;7(11):3490-8.