Creative Enzymes®

BMS-5

Cat. No. CEI-1090

Lot. No. (See product label)

Introduction

Description	BMS-5 is a potent inhibitor of the LIM kinase. It has IC50 values of 7nM and 8 nM for LIMK1 and LIMK2 respectively. This compound has potential utility in oncology.

Product Information

CAS No.	1338247-35-0
Molecular Formula	C17H14Cl2F2N4OS
Chemical Name	N-(5-(1-(2,6-dichlorophenyl)-3-(difluoromethyl)-1H-pyrazol-5-yl)thiazol-2-yl)isobutyramide
Molecular Weight	431.29
Purity	> 95%
Targets	LIMK1, LIMK2
IC50	7nM, 8 nM
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage	-20 centigrade
Stability	2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO