Creative Enzymes®

SD169

Cat. No. CEI-1108

Lot. No. (See product label)

Introduction

Description	SD-169 is an orally available, ATP-competitve, isoenzyme-selective Mitogen-Activated Protein Kinase (MAPK) inhibitor. It is 38 times more potent against p38α MAP kinase (IC50 = 3.2 nM) than p38β MAP kinase (IC50 = 122 nM).
Synonyms	RP1-179N16.5, CSBP, CSBP1, CSBP2, CSPB1, EXIP, Mxi2, PRKM14, PRKM15, RK, SAPK2A, p38, P38alpha

Product Information

CAS No.	1670-87-7
Molecular Formula	C9H8N2O
Chemical Name	1H-indole-5-carboxamide
Molecular Weight	160.17
Purity	> 95%
Targets	p38α MAP kinase
Solubility	DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

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