Creative Enzymes®

SD-06

Cat. No. CEI-1107

Lot. No. (See product label)

Introduction

Description	SD-06 is a p38 MAP kinase inhibitor. It inhibits p38α with an IC50 value of 170nM and inhibits LPS-stimulated TNF-release in rats (83% inhibition at 1mg/kg, po).
Synonyms	RP1-179N16.5, CSBP, CSBP1, CSBP2, CSPB1, EXIP, Mxi2, PRKM14, PRKM15, RK, SAPK2A, p38, P38alpha

Product Information

CAS No.	271576-80-8
Molecular Formula	C20H20ClN5O2
Chemical Name	1-(4-(5-(4-chlorophenyl)-4-(pyrimidin-4-yl)-1H-pyrazol-3-yl)piperidin-1-yl)-2-hydroxyethanone
Molecular Weight	397.86
Purity	> 95%
Targets	MAPK (p38MAP)
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