

## SD-06

Cat. No. CEI-1107

Lot. No. (See product label)

### Introduction

**Description** SD-06 is a p38 MAP kinase inhibitor. It inhibits p38 $\alpha$  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