

## SD169

Cat. No. CEI-1108

Lot. No. (See product label)

### Introduction

#### Description

SD-169 is an orally available, ATP-competitive, isoenzyme-selective Mitogen-Activated Protein Kinase (MAPK) inhibitor. It is 38 times more potent against p38 $\alpha$  MAP kinase (IC<sub>50</sub> = 3.2 nM) than p38 $\beta$  MAP kinase (IC<sub>50</sub> = 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** C<sub>9</sub>H<sub>8</sub>N<sub>2</sub>O

**Chemical Name** 1H-indole-5-carboxamide

**Molecular Weight** 160.17

**Purity** > 95%

**Targets** p38 $\alpha$  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