

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 α MAP kinase (IC₅₀ = 3.2 nM) than p38 β 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 p38 α 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