

TAK-715

Cat. No. CEI-1114

Lot. No. (See product label)

Introduction

Description

TAK-715 is a potent specific inhibitor of the p38 α MAP kinase with an IC₅₀ value of 7.1 nM. It inhibited TNF- α production by 87.6% in mice at 10 mg/kg, po and has potential for treatment of TNF- α mediated inflammatory diseases such as rheumatoid arthritis.

Synonyms

RP1-179N16.5, CSBP, CSBP1, CSBP2, CSPB1, EXIP, Mxi2, PRKM14, PRKM15, RK, SAPK2A, p38, P38alpha

Product Information

CAS No.

303162-79-0

Molecular Formula

C₂₄H₂₁N₃O₅

Chemical Name

N-(4-(2-ethyl-4-m-tolylthiazol-5-yl)pyridin-2-yl)benzamide

Molecular Weight

399.51

Purity

> 95%

Targets

p38alpha, TNF-alpha

IC₅₀

7.1 nM, 48 nM

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