

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