Creative Enzymes®

TAK-715

Cat. No. CEI-1114

Lot. No. (See product label)

Introduction

Description	TAK-715 is a potent specific inhibitor of the p38α 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 arthriti.
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	C24H21N3OS
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