Creative Enzymes®

R1487

Cat. No. CEI-1116

Lot. No. (See product label)

Introduction

Description	R1487 is a p38 MAP kinase inhibitor with an IC50 value of 10nM. May have potential as a treatment for 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.	449808-64-4
Molecular Formula	C19H18F2N4O3.HCl
Chemical Name	6-(2,4-difluorophenoxy)-8-methyl-2-(tetrahydro-2H-pyran-4-ylamino)pyrido[2,3-d]pyrimidin-7(8H)-one hydrochloride
Molecular Weight	424.83
Purity	> 95%
Targets	MAPK (p38MAP)
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