

## R1487

Cat. No. CEI-1116

Lot. No. (See product label)

### Introduction

#### Description

R1487 is a p38 MAP kinase inhibitor with an IC<sub>50</sub> 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

C<sub>19</sub>H<sub>18</sub>F<sub>2</sub>N<sub>4</sub>O<sub>3</sub>.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