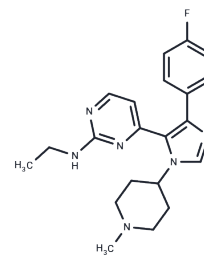


## p38 MAPK-IN-9

## Chemical Properties

CAS No. :	180869-17-4
Formula:	C <sub>21</sub> H <sub>25</sub> FN <sub>6</sub>
Molecular Weight:	380.46
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	p38 MAPK-IN-9 (Compound 15) is an orally active and highly selective inhibitor of the p38 $\alpha$ MAP kinase (p38 MAPK), with an IC <sub>50</sub> value of 9.6 nM. It holds potential for research into inflammatory diseases such as rheumatoid arthritis, septic shock, and chronic obstructive pulmonary disease.
Targets(IC <sub>50</sub> )	p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6284 mL	13.142 mL	26.284 mL
5 mM	0.5257 mL	2.6284 mL	5.2568 mL
10 mM	0.2628 mL	1.3142 mL	2.6284 mL
50 mM	0.0526 mL	0.2628 mL	0.5257 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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