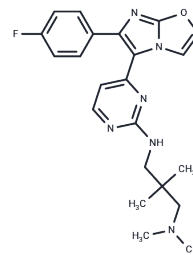


p38 Kinase inhibitor 7

Chemical Properties

CAS No. :	815595-14-3
Formula:	C ₂₂ H ₂₅ FN ₆ O
Molecular Weight:	408.472
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 Kinase inhibitor 7 (Comp:XXXIX) is an inhibitor of p38 α , with an IC ₅₀ value of 5.25 nM. It also effectively suppresses TNF α production in THP-1 cells, demonstrating an IC ₅₀ of 5.88 nM.
Targets(IC ₅₀)	p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4482 mL	12.2408 mL	24.4816 mL
5 mM	0.4896 mL	2.4482 mL	4.8963 mL
10 mM	0.2448 mL	1.2241 mL	2.4482 mL
50 mM	0.049 mL	0.2448 mL	0.4896 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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