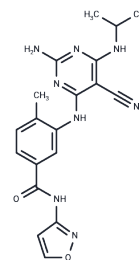


p38- α MAPK-IN-9

Chemical Properties

CAS No. :	868272-50-8
Formula:	C ₁₉ H ₂₀ N ₈ O ₂
Molecular Weight:	392.414
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- α MAPK-IN-9 (Compound 25a) is a p38- α MAPK inhibitor with a K_i value of 0.057 nM. It effectively inhibits LPS-induced TNF α production in hPBMC cells, exhibiting an IC ₅₀ of 18 nM.
Targets(IC ₅₀)	p38 MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5484 mL	12.7418 mL	25.4836 mL
5 mM	0.5097 mL	2.5484 mL	5.0967 mL
10 mM	0.2548 mL	1.2742 mL	2.5484 mL
50 mM	0.051 mL	0.2548 mL	0.5097 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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