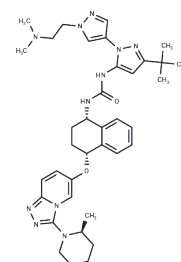


p38-α MAPK-IN-5

Chemical Properties

CAS No. :	1443242-46-3
Formula:	C37H49N11O2
Molecular Weight:	679.86
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	P38-α MAPK-IN-5 is a potent inhibitor of p38α, demonstrating inhibitory concentrations (IC50) of 0.1 nM for p38α, 0.2 nM for p38β, 944 nM for p38γ, and 4100 nM for p38δ. It exhibits anti-inflammatory properties and holds potential for research in asthma and chronic obstructive pulmonary disease (COPD).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4709 mL	7.3545 mL	14.7089 mL
5 mM	0.2942 mL	1.4709 mL	2.9418 mL
10 mM	0.1471 mL	0.7354 mL	1.4709 mL
50 mM	0.0294 mL	0.1471 mL	0.2942 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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