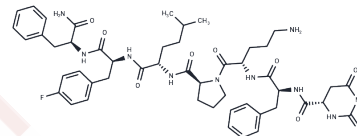


JPE-1375

## Chemical Properties

CAS No. : 1254036-23-1  
 Formula: C49H63FN10O9  
 Molecular Weight: 955.08  
 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	JPE-1375, a complement C5a receptor 1 (C5aR1) antagonist, effectively inhibits polymorphonuclear leukocyte mobilization (EC <sub>50</sub> =6.9 μM) and reduces TNF levels (EC <sub>50</sub> =4.5 μM) in mice, making it useful for autoimmune and inflammatory disease research [1].
Targets(IC50)	Others, Complement System

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.047 mL	5.2352 mL	10.4703 mL
5 mM	0.2094 mL	1.047 mL	2.0941 mL
10 mM	0.1047 mL	0.5235 mL	1.047 mL
50 mM	0.0209 mL	0.1047 mL	0.2094 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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