Data Sheet (Cat.No.T82797)

TargetMol

C5aR1 antagonist peptide

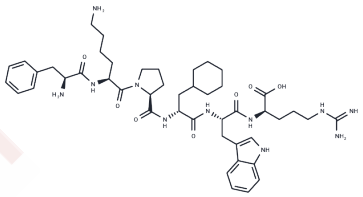
Chemical Properties

CAS No. : 230968-98-6

Formula: C46H67N11O7

Molecular Weight: 886.09

Storage: Keep away from moisture
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	C5aR1 antagonist peptide, a biologically active linear peptide originating from the C-terminus of the chemokine complement fragment 5 anaphylatoxin (C5a), inhibits C5a binding and activity at human and rat C5a receptors. Overexpression of C5a is linked to various immunoinflammatory diseases, including arthritis, Alzheimer's disease, cystic fibrosis, and systemic lupus erythematosus.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1286 mL	5.6428 mL	11.2855 mL
5 mM	0.2257 mL	1.1286 mL	2.2571 mL
10 mM	0.1129 mL	0.5643 mL	1.1286 mL
50 mM	0.0226 mL	0.1129 mL	0.2257 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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