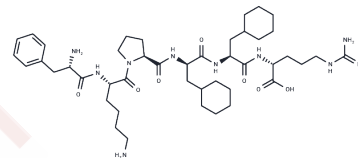


C5a Receptor agonist, mouse, human

Chemical Properties

CAS No. : 144555-06-6
 Formula: C44H72N10O7
 Molecular Weight: 853.11
 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	C5a Receptor Agonist (mouse, human) is a bioactive peptide derived from the C-terminus of the complement fragment 5 anaphylatoxin (C5a), functioning as an agonist for the C5a receptor. This peptide plays a role in mediating inflammatory responses by promoting chemotaxis, leukocyte degranulation, enhanced vascular permeability, and cytokine production. Its agonistic activity is critically dependent on the presence of cyclohexylalanine at position 5 and the d-isomer of Arg at the terminal position.
Targets(IC50)	Complement System

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1722 mL	5.8609 mL	11.7218 mL
5 mM	0.2344 mL	1.1722 mL	2.3444 mL
10 mM	0.1172 mL	0.5861 mL	1.1722 mL
50 mM	0.0234 mL	0.1172 mL	0.2344 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

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

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