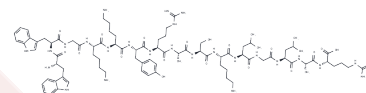


(Trp63,Trp64)-C3a(63-77)

Chemical Properties

CAS No. : 130154-64-2
 Formula: C₈₆H₁₃₄N₂₆O₁₈
 Molecular Weight: 1820.15
 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	(Trp63, Trp64)-C3a(63-77) is a C3a synthetic analogue peptide that exhibits Ca ²⁺ stimulating efficacy in human neutrophils, as well as hC3aR or mC3aR expressing RBL-2H3 cells, with EC ₅₀ values of 9.5, 2.0, and 0.8 nM, respectively [1].
Targets(IC50)	Complement System

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5494 mL	2.747 mL	5.4941 mL
5 mM	0.1099 mL	0.5494 mL	1.0988 mL
10 mM	0.0549 mL	0.2747 mL	0.5494 mL
50 mM	0.011 mL	0.0549 mL	0.1099 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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