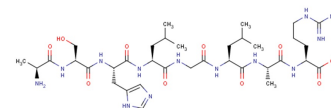


## Data Sheet (Cat.No.T7497)

C3a 70-77

### Chemical Properties

CAS No.: 63555-63-5  
Formula: C<sub>35</sub>H<sub>61</sub>N<sub>13</sub>O<sub>10</sub>  
Molecular Weight: 823.94  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	C3a 70-77 is an octapeptide corresponding to the COOH terminus of C3a.
Targets(IC <sub>50</sub> )	Complement system: None

### Solubility Information

Solubility	DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.214 mL	6.068 mL	12.137 mL
5 mM	0.243 mL	1.214 mL	2.427 mL
10 mM	0.121 mL	0.607 mL	1.214 mL
50 mM	0.024 mL	0.121 mL	0.243 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Payan, D. G. Modulation of human lymphocyte function by C3a and C3a(70-77)[J]. Journal of Experimental Medicine, 1982, 156(3):756-765.
1. Payan DG, et al. Modulation of human lymphocyte function by C3a and C3a(70-77). J Exp Med. 1982 Sep 1;156(3):756-65.

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