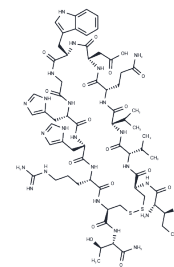


Compstatin

Chemical Properties

CAS No. :	206645-99-0
Formula:	C66H99N23O17S2
Molecular Weight:	1550.77
Appearance:	no data available
Storage:	keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Compstatin, a cyclic tridecapeptide, which was originally discovered from phage-display libraries, is a highly potent and selective C3 inhibitor.
Targets(IC50)	Complement System

Solubility Information

Solubility	DMSO: 300 mg/mL (193.45 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6448 mL	3.2242 mL	6.4484 mL
5 mM	0.129 mL	0.6448 mL	1.2897 mL
10 mM	0.0645 mL	0.3224 mL	0.6448 mL
50 mM	0.0129 mL	0.0645 mL	0.129 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.

Reference

Soulika AM, et al. Inhibition of heparin/protamine complex-induced complement activation by Compstatin in baboons. Clin Immunol. 2000 Sep;96(3):212-21.

Inhibitor • Natural Compounds • Compound Libraries • Recombinant Proteins

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