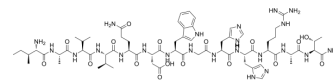


Compstatin control peptide

Cat. No.: HY-P1398
CAS No.: 301544-78-5
Molecular Formula: C₆₆H₁₀₁N₂₃O₁₇
Molecular Weight: 1488.65
Sequence Shortening: IAVVQDWGHRAT-NH₂
Target: Others
Pathway: Others
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 25 mg/mL (16.79 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.6717 mL	3.3587 mL	6.7175 mL
	5 mM		0.1343 mL	0.6717 mL	1.3435 mL
	10 mM		0.0672 mL	0.3359 mL	0.6717 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Compstatin control peptide is a negative control of [Compstatin](#) (HY-P1036). Compstatin is a potent complement system C3 inhibitor^[1].

REFERENCES

[1]. Sahu A, et al. Binding kinetics, structure-activity relationship, and biotransformation of the complement inhibitor compstatin. J Immunol. 2000 Sep 1;165(5):2491-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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