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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Catestatin (human)

Cat. No.:	HY-P3395	
CAS No.:	197151-46-5	
Molecular Formula:	C ₁₀₄ H ₁₆₄ N ₃₂ O ₂₇ S	
Molecular Weight:	2326.68	Ser-Ser-Met-Lys-Leu-Ser-Phe-Arg-Ala-Arg-Ala-Tyr-Gly-Phe-Arg-Gly-Pro-Gly-Pro-Gln-Leu-Pro-Gln-Leu
Sequence:	Ser-Ser-Met-Lys-Leu-Ser-Phe-Arg-Ala-Arg-Ala-Tyr-Gly-Phe-Arg-Gly-Pro-Gly-Pro-Gln-Leu u	
Sequence Shortening:	SSMKLSFRARAYGFRGPGPQL	
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

DMSO : 100 mg/mL (42.98 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent	1 mg	5 mg	10 mg
	Concentration			
	1 mM	0.4298 mL	2.1490 mL	4.2980 mL
	5 mM	0.0860 mL	0.4298 mL	0.8596 mL
	10 mM	0.0430 mL	0.2149 mL	0.4298 mL

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

BIOLOGICAL ACTIVITY

Description

Catestatin human, a catecholamine release-inhibitory peptide, is a pleiotropic peptide involved in cardiovascular protection with its antihypertensive and angiogenic effects. Catestatin human can be used in the study of inflammatory diseases [1].

REFERENCES

[1]. Daniel T O'Connor, et al. Early decline in the catecholamine release-inhibitory peptide catestatin in humans at genetic risk of hypertension. J Hypertens. 2002 Jul;20(7):1335-45.

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

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