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## Product Data Sheet

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Product Name: Angiogenin 108-122

Cat. No.: GC32607

### Chemical Properties

Cas. No. 112173-49-6

SMILES Glu-Asn-Gly-Leu-Pro-Val-His-Leu-Asp-Gln-Ser-Ile-Phe-Arg-Arg

Formula  $C_{78}H_{125}N_{25}O_{23}$  M.Wt 1780.98

Solubility Soluble in Water Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Angiogenin (108-122) is an angiogenin peptide.

Angiogenin (108-122) effects on the ribonucleolytic activity of angiogenin using tRNA as substrate with 39% inhibition[1]. Angiogenin (108-122) acts as a therapeutic agent for the prophylaxis and/or treatment of cancer, an infectious disease, a fibrotic disease, an inflammatory disease, a neurodegenerative disease, an autoimmune disease, or a heart and vascular disease[2].

[1]. Rybak SM, et al. C-terminal angiogenin peptides inhibit the biological and enzymatic activities of angiogenin. *Biochem Biophys Res Commun.* 1989 Jul 14;162(1):535-43. [2]. Dorian Bevec, et al. Therapeutic uses of angiogenin 108-122 and gluten exorphin a5. WO2009043455A2.

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

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