

Angiogenin Fragment (108-123)

Cat. No.:	HY-W140249
CAS No.:	112173-48-5
Molecular Formula:	C ₈₃ H ₁₃₂ N ₂₆ O ₂₄
Molecular Weight:	1878.1
Sequence Shortening:	ENGLPVHLDQSIFRRP
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Angiogenin Fragment (108-123) is a C-terminal segment 108-123 of Angiogenin that inhibits the enzymatic and biological activities of Angiogenin ^[1] .
In Vitro	Angiogenin Fragment (108-123) inhibits the initial rate of degradation of tRNA catalyzed by angiogenin in a concentration dependent manner yielding an apparent K _i value of 278 μM. Angiogenin Fragment (108-123) also inhibits nuclease activity of angiogenin when tRNA is the substrate. Furthermore, Angiogenin Fragment (108-123) significantly decreases neovascularization elicited by angiogenin in the chick chorioallantoic membrane assay ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. S M Rybak, 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.

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

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