

[Tyr8]-Atrial Natriuretic Peptide (5-27), rat

Cat. No.:	HY-P3774
CAS No.:	108703-67-9
Molecular Formula:	C ₉₈ H ₁₅₈ N ₃₄ O ₃₃ S ₂
Molecular Weight:	2404.64
Sequence Shortening:	SSCYGGRIDRIGAQSGLGCSFR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	[Tyr8]-Atrial Natriuretic Peptide (5-27), rat is an atrial natriuretic peptide (ANP) analog that relaxes smooth muscle without affecting cGMP levels ^{[1][2]} .
In Vitro	[Tyr8]-Atrial Natriuretic Peptide (5-27), rat (0.1-10000 nM; smooth muscle cell) lacks cGMP activity without affecting cGMP levels ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Budzik GP, et, al. Divergence of ANF analogs in smooth muscle cell cGMP response and aorta vasorelaxation: evidence for receptor subtypes. Biochem Biophys Res Commun. 1987 Apr 14;144(1):422-31.

[2]. Törnell J, et, al. Atrial natriuretic peptide inhibits spontaneous rat oocyte maturation. Endocrinology. 1990 Mar;126(3):1504-8.

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

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