

Kisspeptin 234

Cat. No.:	HY-P1196
CAS No.:	1145998-81-7
Molecular Formula:	C ₆₃ H ₇₆ N ₁₈ O ₁₃
Molecular Weight:	1295.41
Sequence:	Ac-Ala-Asn-Trp-Asn-Gly-Phe-Gly-Trp-Arg-Phe-NH ₂
Sequence Shortening:	Ac-ANWNGFGWRF-NH ₂
Target:	Kisspeptin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Kisspeptin 234, is a 10 amino acid peptide as well as a kisspeptin receptor (KISS1, GPR54) antagonist. Kisspeptin 234 is an analog of Kisspeptin 10 ^[1] .
In Vivo	Kisspeptin 234 (1 mg/kg, ip, daily, 28 days) TFA can inhibit the anti-fibrotic effect of Kisspeptin-13 in the bleomycin (BLM)-induced lung fibrosis model of C57BL/6 mice, especially in weight loss, decreased survival rate, increased lung coefficient, and massive infiltration ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lei Z, et al. Kisspeptin β 13 inhibits bleomycin β induced pulmonary fibrosis through GPR54 in mice. Mol Med Rep. 2019 Aug;20(2):1049-1056.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA