

Human follicular gonadotropin releasing peptide

Cat. No.:	HY-P3084
CAS No.:	107873-08-5
Molecular Formula:	C ₆₈ H ₉₄ N ₂₂ O ₂₇
Molecular Weight:	1651.61
Sequence Shortening:	TDTSHHDQDHPTFN
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Human follicular gonadotropin releasing peptide (hF-GRP) is a hormone peptide. Human follicular gonadotropin releasing peptide can stimulate pituitary luteinizing hormone (LH) and follicle-stimulating hormone (FSH) secretion in vitro ^{[1][2]} .
In Vitro	Human follicular gonadotropin releasing peptide induce follitropin or lutropin release with EC ₅₀ s of 1.2-1.6 nM in the mouse pituitary incubation assay ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li CH, et al. Gonadotropin-releasing peptide from human follicular fluid: isolation, characterization, and chemical synthesis. Proc Natl Acad Sci U S A. 1987 Feb;84(4):959-62.

[2]. Ramasharma K, et al. Human follicular gonadotropin releasing peptide analogs. Evaluation of biological (in vitro) and immunological activity. Int J Pept Protein Res. 1988 Dec;32(6):419-24.

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

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