

GHRF, ovine

Cat. No.:	HY-P3056
CAS No.:	94948-82-0
Molecular Formula:	$C_{221}H_{368}N_{72}O_{66}S$
Molecular Weight:	5121.87
Sequence Shortening:	YADAIFTNSYRKILGQLSARKLLQDIMNRQQGERNQEGAKVRL-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	GHRF, ovine is a growth hormone-releasing factor. GHRF is a specific mediator for the effects of hypoglycemia upon the release of pituitary growth hormone (GH) ^[1] .
In Vitro	GHRF (1-100 nM; 1 h) causes calcium- and dose-dependent stimulation of somatostatin release in dispersed adult rat hypothalamic cells ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Katz SH, et al. Effect of hypoglycemia on the content of pituitary growth hormone (GH) and hypothalamic growth hormone-releasing factor (GHRF) in the rat. *Endocrinology*. 1967 Aug;81(2):333-9.
- [2]. Richardson S, et al. GHRF causes biphasic stimulation of SRIF secretion from rat hypothalamic cells. *Am J Physiol*. 1988 Dec;255(6 Pt 1):E829-32.

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

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