

## LHRH free acid

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Cat. No.:	HY-P4675
CAS No.:	35263-73-1
Molecular Formula:	C <sub>55</sub> H <sub>74</sub> N <sub>16</sub> O <sub>14</sub>
Molecular Weight:	1183.27
Sequence:	{Pyr}-His-Trp-Ser-Tyr-Gly-Leu-Arg-Pro-Gly
Sequence Shortening:	{Pyr}-HWSYGLRPG
Target:	GnRH Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	LHRH (free acid), the luteinizing hormone-releasing hormone, is a neuropeptide hypothalamic. LHRH regulates reproduction. LHRH can be used for the research of cancer <sup>[1]</sup> .
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### REFERENCES

- [1]. Schally AV, et, al. Discovery of LHRH and development of LHRH analogs for prostate cancer treatment. Prostate. 2017 Jun;77(9):1036-1054.
- [2]. Pearce TR, et, al. Peptide targeted lipid nanoparticles for anticancer drug delivery. Adv Mater. 2012 Jul 24;24(28):3803-22, 3710.

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

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