

(D-Ser(tBu)₆,D-Leu₇,Azagly₁₀)-LHRH

Cat. No.:	HY-P4564
CAS No.:	1926163-38-3
Molecular Formula:	C ₅₉ H ₈₄ N ₁₈ O ₁₄
Molecular Weight:	1269.41
Sequence:	{Pyr}-His-Trp-Ser-Tyr-{d-Ser(tBu)}-{d-Leu}-Arg-Pro-{Azagly}-NH ₂
Sequence Shortening:	{Pyr}-HWSY-{d-Ser(tBu)}-{d-Leu}-RP-{Azagly}-NH ₂
Target:	GnRH Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(D-Ser(tBu)₆,D-Leu₇,Azagly₁₀)-LHRH is an analogue of luteinizing hormone-releasing hormone (LHRH). LHRH plays a central role in the control of reproduction by stimulating the release of pituitary luteinizing hormone (LH) and follicle-stimulating hormone (FSH)^[1].

REFERENCES

[1]. Horvath JE, et al. Effects of long-term treatment with the luteinizing hormone-releasing hormone (LHRH) agonist Decapeptyl and the LHRH antagonist Cetrorelix on the levels of pituitary LHRH receptors and their mRNA expression in rats. *Proc Natl Acad Sci U S A*. 2002 Nov 12;99(23):15048-53.

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

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