

Rev01
Update: Dec,28,2022

DATASHEET

GnRH-I

Cat. No.: RP20303CN

Overview

Description	GnRH-I is a small 10 amino acid long peptide (decapeptide) from the hypothalamus. GnRH-I acts at the hypophysis to cause an increase in release of biologically active Follicle-Stimulating Hormone (FSH) and Luteinizing Hormone (LH) in the blood, which in turn stimulate the development of the tests in the growing male animal and the synthesis of male steroids. In the growing female animal the development of the ovaries is stimulated, as is the development of follicles within the ovary, synthesis of female steroids, and ovulation.
Sequence	Pyr-{His}{Trp}{Ser}{Tyr}{Gly}{Leu}{Arg}{Pro}{Gly}-NH ₂
Sequence Shortening	Pyr-HWSYGLRPG-NH ₂
Molecular Formula	C ₅₀ H ₇₅ N ₁₇ O ₁₃
C Terminal	NH ₂
Molecular Weight	1182.32

Properties

Purity	> 95%
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.