

# Luteinizing Hormone Releasing Hormone (LH-RH), salmon

Cat. No.: RP10673

## Overview

<b>Synonyms</b>	LH-RH, salmonLuteinizing hormone releasing hormone, salmon
<b>Description</b>	LH-RH is a hypothalamic peptide that stimulates release of gonadotrophins from anterior pituitary, thus regulating reproductive functions. It has been assumed, usually with good reason, that D-amino acids with large aromatic side-chains must be present in position 6 of both LH-RH superagonists and antagonists for the highest levels of biological activity to be reached. However, using one of a recent generation of potent LH-RH inhibitory analogs as a model, we have found that the insertion of D-lysine or, better still, D-arginine in this position results in greater antioviulatory activity in the rat over corresponding D-phenylalanine <sup>6</sup> - and D-tryptophan <sup>6</sup> -analogs.
<b>Cas No</b>	86073-88-3
<b>Sequence</b>	{pGLU}{HIS}{TRP}{SER}{TYR}{GLY}{TRP}{LEU}{PRO}{GLY}
<b>Molecular Formula</b>	C <sub>60</sub> H <sub>73</sub> N <sub>15</sub> O <sub>13</sub>
<b>C Terminal</b>	NH <sub>2</sub>
<b>Molecular Weight</b>	1212.31

## Properties

<b>Purity</b>	> 95%
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C.

## Examples

