

**DATASHEET**

Version: 2016-08-18

**Luteinizing Hormone Releasing Hormone (LH-RH), salmon****Cat. No.:** RP10673**Size:** 1 mg**Alias:** LH-RH, salmonLuteinizing hormone releasing hormone, salmon**Description:**

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-phenylalanine6- and D-tryptophan6-analogs.

**Cas No:** 86073-88-3**C-Terminal:** NH<sub>2</sub>**Sequence (three-letter code):**

{pGLU}{HIS}{TRP}{SER}{TYR}{GLY}{TRP}{LEU}{PRO}{GLY}

**Formula:** C<sub>60</sub>H<sub>73</sub>N<sub>15</sub>O<sub>13</sub>**Molecular Weight:** 1,212.31**Purity:** > 95%**Storage:**

Store at -20°C.

**Note:**

\*For Non-Clinical Research Use Only \*

