

DATASHEET

Version: 2016-08-18

[Gln⁸]-C517 (LH-RH), chicken**Cat. No.:** RP10689**Size:** 1 mg**Alias:** [Gln⁸]-Luteinizing hormone releasing hormone**Description:**

[Gln⁸] Luteinizing hormone releasing hormone ([Gln⁸] LH-RH), Avian hypothalamic peptide that stimulates release of gonadotropins 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: 47922-48-5**C-Terminal:** NH₂**Sequence (three-letter code):**

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

Formula: C₅₄H₇₁N₁₅O₁₄**Molecular Weight:** 1,154.23**Purity:** > 95%**Storage:**

Store at -20°C.

Note:

*For Non-Clinical Research Use Only *

