

Egg-Laying Hormone Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350155

Unit: 1 mg

Description:

Egg-laying hormone (ELH) acts as a neurotransmitter on neurons of the abdominal ganglion and as hormone by diffusing to the circulating hemolymph to modulate the activity of other organs. It specifically causes contraction of smooth muscle in the ovotestis and expulsion of the egg string. The peptide corresponds to aa 206-241 of ELH.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: ELH; egg-laying hormone (1-29); egg-laying hormone (1-14); egg-laying hormone (15-36); egg-laying hormone (30-36)

Accession No.: P01362

MW: 4384.17 g/mol

Sequence: H-Ile-Ser-Ile-Asn-Gln-Asp-Leu-Lys-Ala-Ile-Thr-Asp-Met-Leu-Leu-Thr-Glu-Gln-Ile-Arg-Glu-Arg-Gln-Arg-Tyr-Leu-Ala-Asp-Leu-Arg-Gln-Arg-Leu-Leu-Glu-Lys-NH₂ or H-ISINQDLKAITDMLLTEQIRERQRYLADLRQRLEK-NH₂

Composition: C₁₉₀H₃₂₉N₅₉O₅₇S₁

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.