

## **LVV-Hemorphin-7 Peptide**

**Subcategory:** Synthetic Peptide

**Cat. No.:** 350583

**Unit:** 1 mg

**Description:**

Hemorphin-7 binds to the angiotensin IV receptor (AT4R), triggering multiple effects including cellular proliferation and memory enhancement. VV-hemorphins and LVV-hemorphins preferentially interact with delta and kappa receptors. LVV-hemorphin-7 potentiates the activity of bradykinin, causing a decrease in blood pressure. Hemorphins are endogenous peptides belonging to the family of atypical opioid peptides released from hydrolyzed hemoglobin.

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

**Alternate Names:** Hemorphin-7; LVV-hemorphin-7; Hemoglobin subunit beta; beta-globin; hemoglobin beta chain

**Accession No.:** P68871

**MW:** 1308.5 g/mol

**Sequence:** H-Leu-Val-Val-Tyr-Pro-Trp-Thr-Gln-Arg-Phe-OH or H-LVVYPWTQRF-OH

**Composition:** C65H93N15O14

**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.