

VV-Hemorphin-5 Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350584

Unit: 1 mg

Description:

Hemorphins are endogenous peptides belonging to the family of atypical opioid peptides released from hydrolyzed hemoglobin. VV-hemorphins and LVV-hemorphins preferentially interact with delta and kappa receptors, therefore playing the roles of endogenous opiate peptide in vivo. VV-hemorphin-5 has been shown to have antitumor effect both in vitro and in vivo.

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

Alternate Names: Hemorphin-5; VV-hemorphin-5; Valorphin; Hemoglobin subunit beta; beta-globin; hemoglobin beta chain

Accession No.: P68871

MW: 892.0 g/mol

Sequence: H-Val-Val-Tyr-Pro-Trp-Thr-Gln-OH or H-VVYPWTQ-OH

Composition: C44H61N9O11

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.