Bradykinin Potentiator B Peptide

**Subcategory:** Inhibitory Peptide, Synthetic Peptide  
**Cat. No.:** 350099  
**Unit:** 5 mg

**Description:**  
Bradykinin potentiator B, secreted by the viper venom gland, inhibits the activity of the angiotensin-converting enzyme (ACE) by a preferential interaction with its C-domain. Bradykinin potentiator B also enhances the hypotensive effects of bradykinin by inhibiting the peptidases that inactivate it. Bradykinin potentiator B peptide inhibits the rabbit lung ACE with an IC50 of 1.1 uM. Bradykinin potentiator B is a 11-aa peptide corresponding to aa85-95 of bradykinin-potentiating and C-type natriuretic peptides precursor sequence.

**Format:** Each vial contains 5 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

**Alternate Names:** Bradykinin potentiator B; bradykinin-potentiating peptide B; angiotensin-converting enzyme inhibitor; BPP-b

**Accession No.:** P01021

**MW:** 1182.46 g/mol  
**Sequence:** Viper: pGlu-Gly-Leu-Pro-Pro-Arg-Pro-Lys-Ile-Pro-Pro-OH or pEGLPPRPKIPP-OH  
**Composition:** C56H91N15O13  
**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.