
Bradykinin [Des-Arg9] Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350097

Unit: 10 mg

Description:

Bradykinin is released from kininogen by plasma kallikrein proteinase. Bradykinin has multiple physiological effects such as smooth muscle contraction, hypotension induction, natriuresis and diuresis, decrease in blood glucose level, inflammation mediator, and increase of vascular permeability. Bradykinin [Des-Arg9] is a B1 receptor agonist. It increases intracellular Ca²⁺ in bronchoalveolar eosinophils.

Format: Each vial contains 10 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Bradykinin; kallidin I; BDK

Accession No.: P01042

MW: 904.04 g/mol

Sequence: Human: H-Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-OH or H-RPPGFSPF-OH

Composition: C₄₄H₆₁N₁₁O₁₀

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 10 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.