
Angiotensin 1 Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350051

Unit: 10 mg

Description:

In response to lowered blood pressure, the renin enzyme cleaves angiotensin-1 from angiotensin. Angiotensin-converting enzyme (ACE) then removes a dipeptide to yield the physiologically active peptide angiotensin-2, the most potent pressor substance known, which helps regulate volume and mineral balance of body fluids.

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

Alternate Names: Angiotensin I; angiotensin-1; Ang I

Accession No.: P01019

MW: 1296.5 g/mol

Sequence: Human: H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu-OH or H-DRVYIHPFHL-OH

Composition: C₆₂H₈₉N₁₇O₁₄

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.