
Angiotensin Peptide (Rat)

Subcategory: Synthetic Peptide

Cat. No.: 350058

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 5 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

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

Accession No.: P01015

MW: 899.03 g/mol

Sequence: Canine, rat: H-Asp-Arg-Val-Tyr-Ile-His-Pro-OH or H-DRVYIHP-OH

Composition: C₄₁H₆₂N₁₂O₁₁

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.