

Katacalcin Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350231

Unit: 1 mg

Description:

Katacalcin is a potent plasma calcium lowering peptide. Katacalcin belongs to the calcitonin family, that causes a rapid but short-lived drop in the level of calcium and phosphate in blood by promoting the incorporation of these ions in the bones. Calcitonin is cleaved into 2 chains, calcitonin and katacalcin.

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

Alternate Names: Katacalcin; Calcitonin carboxyl-terminal peptide; CCP; PDN1; Calcitonin; CALCA; CALC1

Accession No.: P01258

MW: 2436.64 g/mol

Sequence: Human: H-Asp-Met-Ser-Ser-Asp-Leu-Glu-Arg-Asp-His-Arg-Pro-His-Val-Ser-Met-Pro-Gln-Asn-Ala-Asn-OH or H-DMSSDLERDHRPHVSMPQNAN-OH

Composition: C₉₇H₁₅₄N₃₄O₃₆S₂

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.