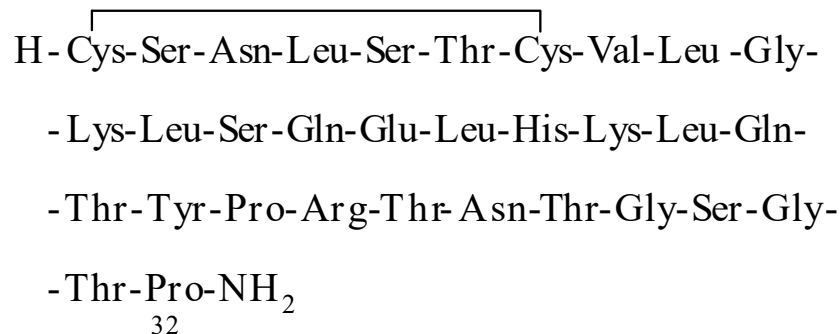




>>Entry Name: **Salcatonin**, BAN

Synonym(s): Calcitonin (salmon), 9CI. Salmon calcitonin. Calcimar. Calcitonin L. Calsynar. Miacalcin. Osteotonina. Prontocalcin. Tonocalcin. SCT 1. SMC 20/051



CAS Registry Number: 47931-85-1

Molecular Formula: C₁₄₅H₂₄₀N₄₄O₄₈S₂

Molecular Weight: 3431.889

Accurate Mass: 3429.713316

Percentage Composition: C 50.75%; H 7.05%; N 17.96%; O 22.38%; S 1.87%

Biological Use/Importance: Used in diagnosis of occult medullary carcinoma of the thyroid and treatment osteoporosis and various hypercalcaemic states. Compared with human calcitonin, has enhanced activity as an inhibitor of bone resorption. It is approx. 25-fold more potent and of 5-fold longer duration. Shows more side-effects

Physical Description: Powder

Development Status: Approved for pharmaceutical use 1991. Recombinant salmon calcitonin (*Forcaltonin*) approved for use in the EU (1999)

Solubility: Sol. H₂O

Sigma: T3660

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