



>>Entry Name: Human pituitary growth hormone, 9CI

Synonym(s): Somatotropin (human), 9CI. Somatropin, BAN, INN, JAN, USAN. Human growth hormone, JAN. Asellacrin. Cresormon. Genotonorm. Genotropin. Gorm. Humatrope. Maxomat. Nanormon. Norditropin. Saizen. Serostim. Somatonorm. Sopin. Umatrope. Zomacton. CB 311. LY 137998. Crescormone. Many other names

CAS Registry Number: 12629-01-5

Molecular Formula: C₉₉₀H₁₅₂₈N₂₆₂O₃₀₀S₇

Molecular Weight: 22124.998

Accurate Mass: 22111.040978

Percentage Composition: C 53.74%; H 6.96%; N 16.59%; O 21.69%; S 1.01%

Biological Source: Active hormone isol. from human pituitary glands

Biological Use/Importance: Clinically-used growth stimulant. A recombinant form (*Serostim*) is used in the treatment of AIDS

Development Status: Marketed drug. Launched 1987

>>Variant: Somatrem, BAN, INN, JAN, USAN

Synonym(s): Protropin. Met-HGH. Somatonorm

CAS Registry Number: 82030-87-3

Molecular Formula: C₉₉₅H₁₅₃₇N₂₆₃O₃₀₁S₈

Molecular Weight: 22256.196

Accurate Mass: 22242.081462

Percentage Composition: C 53.70%; H 6.96%; N 16.55%; O 21.64%; S 1.15%

Biological Use/Importance: Growth hormone

Other Data: Hormone consisting of a single polypeptide chain containing 192 AA residues

Sigma: S8514

References:

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