

Calcitonin (human)

Cat. No.: HY-P2273
CAS No.: 21215-62-3
Batch No.: 280023
Chemical Name: Calcitonin (human)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{151}H_{226}N_{40}O_{45}S_3$
Molecular Weight: 3417.87
Storage: Sealed storage, away from moisture
Powder -80°C 2 years
-20°C 1 year
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

CGNLSTCLMGTYTQDFNKRHTFPQTAGVGAP-NH₂ (Disulfide bridge: Cys₁-Cys₂)

ANALYTICAL DATA

Appearance: White to off-white (Solid)
LCMS: Consistent with structure
Purity (LCMS): 99.70%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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