Calcitonin (salmon)

Reduces blood calcium

Calcium-regulating peptide hormone released from the thyroid. Lowers calcium concentration in the blood and decreases bone resorption by osteoclasts. Used for therapeutic applications in osteoporosis. Salmon calcitonin peptide sequence differs from mammalian but is more potent.

Ordering Information

Order Online »

BML-P420-0005	5mg

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

CAS	47931-85-1
Formula	$C_{145}H_{240}N_{44}O_{48}S_2$
Formulation	Lyophilized.
MW	3431.9
Purity	≥98% (HPLC)
Sequence	H-Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH_2 (Disulphide bond between Cys1 and Cys7)
Solubility	Soluble in water (1mg/ml) or 0.05M acetic acid.

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