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32-3744: Eledoisin Protein

Description

Eledoisin's molecular weight is 1188.4 having an amino acid sequence of Glp-Pro-Ser-Lys-Asp-Ala-Phe-Ile-Gly-Leu-Met-NH2 and a molecular formula of C54H85N13O15S. Eledoisin is an undecapeptide formed in the venom gland of several species of octopuses and is used as a vasodilator and a contraction agent of extravascular smooth muscle.

Product Info

Amount :	20 mg
Purification :	Greater than 98.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	The protein (1mg/ml) was lyophilized with no additives.
Storage condition :	Lyophilized Eledoisin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Eledoisin should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized Eledoisin in sterile 18MÃ□Â©-cm H2O not less than 100Ã□Âµg/ml, which can then be further diluted to other aqueous solutions.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.