

Eledoisin

Description: Eledoisins 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.

Catalog #: PRPS-288

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

For research use only.

Purity: Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Formulation:

The protein (1mg/ml) was lyophilized with no additives.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Eledoisin in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Introduction:

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.

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