
Product Data Sheet

Product Name: Eledoisin
Cat. No.: GP23393
Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.

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

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

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.

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.

Background

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.

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

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