

## Eledoisin - Purified

<b>Catalog No.:</b>	AR10505PU-S
<b>Quantity:</b>	5 mg
<b>Concentration:</b>	1.0 mg/ml (prior to lyophil.)
<b>Background:</b>	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.
<b>Source:</b>	Synthetic
<b>Format:</b>	<b>State:</b> Sterile Filtered White lyophilized (freeze-dried) protein without additives <b>Purity:</b> > 98.0% as determined by RP-HPLC and SDS-PAGE analysis <b>Reconstitution:</b> Restore in sterile 18M $\omega$ -cm H <sub>2</sub> O not less than 100 $\mu$ g/ml, which can then be further diluted to other aqueous solutions.
<b>Description:</b>	<b>Molecular Weight:</b> 1188.4 Da <b>Molecular Formula:</b> C <sub>54</sub> H <sub>85</sub> N <sub>13</sub> O <sub>15</sub> S <b>AA Sequence:</b> Glp-Pro-Ser-Lys-Asp-Ala-Phe-Ile-Gly-Leu-Met-NH <sub>2</sub>
<b>Storage:</b>	Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freezing and thawing. Shelf life: one year from despatch.