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Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

| Product Name | : ProTx II |
|---------------|--|
| Cat. No. | : PC-72206 |
| CAS No. | : 484598-36-9 |
| Batch No. | : PC-7220601 |
| Chemical Name | Tyr-Cys2-Gln-Lys-Trp-Met-Trp-Thr-Cys9-Asp-Ser-Glu-Arg-Lys-Cys15-Cys16-Glu-Gly-Met- Val-Cys21-Arg-Leu-Trp-Cys25-Lys-Lys-Leu-Trp-OH, Cys2-Cys16, Cys9-Cys21 and Cys15- Cys25 |

PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Weight | : 3828 |
|--------------------|--|
| Molecular Formula | : C ₁₆₈ H ₂₅₀ N ₄₆ O ₄₁ S |
| Storage | : Powder -20°C 12 Months |
| | 4°C 6 Months |
| | In solvent -80°C 6 Months |
| | -20°C 1 Month |
| Chemical Structure | Tyr-Cys2-Gin-Lys-Trp-Met-Trp-Thr-Cys9-Asp-Ser-Glu-Arg-Lys-Cys15-Cys16-Glu-Gly-Met-Val-Cys21-Arg-Leu-Trp-Cys25- Lys-Lys-Leu-Trp-OH Cys2-Cys16, Cys9-Cys21 and Cys15-Cys25 |

| ANALYTICAL DATA | |
|-----------------------------|---|
| Appearance | : Solid powder |
| ¹ H NMR Spectrum | : Consistent with |
| HPLC | : Consistent with |
| NP | : Consistent with |
| Purity (HPLC and/or LCMS) | : >98% |
| Conclusion | : The product has been tested and complies with the given specifications. |

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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