

Product Data Sheet

Cat # RP-1474

Triptorelin

Size: 5mg

Source: Triptorelin C₆₄H₈₂N₁₈O₁₃, Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH₂ is a synthetic analogue of gonadorelin (GnRH). As a result of the substitution of the 6th amino acid residue in the native molecule, the agonistic effect is more pronounced and the plasma half-life prolonged. The protein (1 mg/ml) was lyophilized with no additives.

Usage: This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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Applications and Suggested Dilutions: It is recommended to reconstitute the lyophilized Trp in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Users must optimize the appropriate concentration and conditions for each assay.

Storage and Stability: Lyophilized Trp although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Trp 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.** If supplied in powder then reconstitute it in 100 µl water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

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