

Enfuvirtide (T-20)

Item Number rAP-2625

Synonyms

Description Enfuvirtide has an amino acid sequence CH₃CO-Tyr-Thr-Ser-Leu-Ile-His-Ser-Leu-Ile-Glu-Glu-Ser-Gln-Asn-Gln-Gln-Glu-Lys-Asn-Glu-Gln-Glu-Leu-Leu-Glu-Leu-Asp-Lys-Trp-Ala-Ser-Leu-Trp-Asn-Trp-Phe-NH₂, molecular formula of C₂₀₄H₃₀₁N₅₁O₆₄ and a molecular weight of 4492 Dalton.

Uniprot Accession Number

Amino Acid Sequence

Source

Physical Appearance and Stability

Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Enfuvirtide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Enfuvirtide 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.

Formulation and Purity

The protein (1mg/ml) was lyophilized with 250ug mannitol. Greater than 97.0% as determined by SDS-PAGE.

Application

Solubility

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

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**