

**Product:**            **Enfuvirtide**  
**Catalog #:**       **12-4235**  
**Amount:**          **2 mg**

---

**DESCRIPTION:**                    Enfuvirtide also called human immunodeficiency fusion inhibitor blocks HIV's ability to infect healthy CD4 cells. It can reduce the amount of HIV in the blood and increase the number of CD4 cells. Enfuvirtide has an amino acid sequence: CH<sub>3</sub>CO-Tyr-Thr-Ser-Leu-Ile-His-Ser-Leu-Ile-Trp-Asn-Trp-Phe-NH<sub>2</sub>, molecular formula of C<sub>204</sub>H<sub>301</sub>N<sub>15</sub>O<sub>64</sub> and a molecular weight of 4492 dalton.

**SOURCE:**                         Synthetic peptide

**PURITY:**                         > 98%, as determined by:  
(a) Analysis by RP-HPLC and anion-exchange FPLC  
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

**ENDOTOXIN:**                     < 0.1 ng/μg (IEU/μg) of Enfuvirtide

**DIMERS & AGGREGATES:**       < 1% as determined by silver stained SDS-PAGE gel analysis

**PROTEIN CONTENT:**             Protein quantitation was carried out by 2 independent methods:  
- UV spectroscopy at 280 nm  
- Analysis by RP-HPLC, using a standard solution of Enfuvirtide as a Reference Standard

**FORM:**                             Purified, in 0.1 % BSA

**STORAGE:**                       -20°C (aliquot), avoid freezing and thawing cycles

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.