



NIH AIDS Reagent Program

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DATA SHEET

| | |
|---------------------------|---|
| Reagent: | T-20 (Enfuvirtide) |
| Catalog Number: | 12732 |
| Lot Number: | 517RAY8 |
| Release Category: | A |
| Provided: | 20.0 mg, lyophilized |
| Empirical Formula: | $C_{204}H_{301}N_{51}O_{64}$ |
| Molecular Weight: | 4492 dalton |
| CAS Num: | 159519-65-0 |
| Purity: | >99.0% as determined by RP-HPLC |
| Solubility: | T-20 (Enfuvirtide) lyophilized powder is best dissolved in alkaline conditions such as sterile pyrogen free 0.1% NaOH, 1% Na ₂ CO ₃ or disodium phenyl phosphate at a concentration of 0.1mg/ml-1mg/ml. T-20 (Enfuvirtide) is insoluble in water. Supplemental reconstitution procedure. |
| Description: | T-20 is a small peptide which binds to the HIV gp41 heptad repeat and inhibits the structural changes necessary for virus to fuse with CD4+ cell membrane. |
| Mechanical Action: | Blocks fusion between viral envelope and target cell membrane. |

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

Special Characteristics: Sequence: N-acetyl-YTSLIHSLIEESQNQQEKNEQELLELDKWASLWNWF-CONH₂
[Click here for the SDS](#)

Recommended Storage: -20°C. Once reconstituted, keep at 4°C for short term storage and -20°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: DAIDS, NIAID (Produced by RayBiotech, Inc.)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: T-20,(Enfuvirtide)."

Last Updated October 14, 2019

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