

Enfuvirtide (T-20)**Cat. No.:** RP17307**Size:** 1 mg**Alias:** ENF**Description:**

36 residue synthetic peptide that inhibits HIV-1 fusion with CD4 cells. N-terminal acetylated, C-terminal amide. Enfuvirtide is the first in this class to reach market approval. Fusion inhibitors block the last step in the three-step viral entry process consisting of attachment, co-receptor binding and fusion, thereby preventing viral capsid entry into the host cell. Enfuvirtide has a unique mechanism of action and high viral target specificity, and in clinical trials has been shown to exhibit both high efficacy and low toxicity. Enfuvirtide is a peptide mimetic of an essential region within viral envelope glycoprotein gp41 that functions by blocking gp41 structural rearrangements at a transitional pre-fusion conformation.

Cas No: 159519-65-0**N-Terminal:** Ac**C-Terminal:** NH₂**Sequence (one-letter code):**Ac-YTSLIHSLIEESQNQQEKNEQELLELDKWASLWNWF-NH₂**Sequence (three-letter code):**Ac-
{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}{LE
U}{TRP}{ASN}{TRP}{PHE}-NH₂**Formula:** C₂₀₄H₃₀₁N₅₁O₆₄**Molecular Weight:** 4,491.88**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

