

**TAT 2-4****Cat. No.:** RP10131-0.5**Size:** 0.5 mg**Description:**

The HIV Tat-derived peptide is a small basic peptide that has been successfully shown to deliver a large variety of cargoes, from small particles to proteins, peptides and nucleic acids.

The 'transduction domain' or region conveying the cell penetrating properties appears to be confined to a small (9 amino acids) stretch of basic amino acids, with the sequence RKKRRQRRR.

**Sequence (one-letter code):**

YGRKKRRQRRRGYGRKKRRQRRRG

**Sequence (three-letter code):**

{TYR}{GLY}{ARG}{LYS}{LYS}{ARG}{ARG}{GLN}{ARG}{ARG}{  
ARG}{GLY}{TYR}{GLY}{ARG}{LYS}{LYS}{ARG}{ARG}{GLN}{A  
RG}{ARG}{ARG}{GLY}

**Formula:** C<sub>132</sub>H<sub>240</sub>N<sub>66</sub>O<sub>29</sub>**Molecular Weight:** 3,215.8**Purity:** > 95%**Storage:**

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

**Note:**

\*For Non-Clinical Research Use Only \*

