

DATASHEET

Version: 2016-08-18

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: C₁₃₂H₂₄₀N₆₆O₂₉**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 *

