

## TAT 48-57

Cat. No.:	HY-P1575
CAS No.:	253141-50-3
Molecular Formula:	C <sub>55</sub> H <sub>109</sub> N <sub>31</sub> O <sub>12</sub>
Molecular Weight:	1396.65
Sequence:	Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg
Sequence Shortening:	GRKKRRQRRR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the COA.

### BIOLOGICAL ACTIVITY

<b>Description</b>	TAT (48-57) is a cell-permeable peptide, derived from HIV-1 transactivator of transcription (Tat) protein residue 48-57.
<b>In Vitro</b>	TAT (48-57) is a cell-permeable peptide with short length, good at crossing cell membranes of different cell types, with overall low toxicity, and does not leak out from cells once internalised <sup>[1]</sup> .

### REFERENCES

[1]. Cardozo AK, et al. Cell-permeable peptides induce dose- and length-dependent cytotoxic effects. *Biochim Biophys Acta*. 2007 Sep;1768(9):2222-34.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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