FITC-LC-TAT (47-57)

Cat. No.:	HY-P4125
Molecular Formula:	$C_{91}H_{141}N_{35}O_{19}S$
Molecular Weight:	2061.38
Sequence:	FITC-LC-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-NH2
Sequence Shortening:	FITC-LC-YGRKKRRQRRR-NH2
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	FITC-LC-TAT (47-57) is a FITC labeled TAT peptide. TAT is a cell-penetrating peptide (CPP). TAT can increase the yields and the solubility of heterologous proteins[1].

REFERENCES

[1]. Gopikrishna Moku, et al. Improving Payload Capacity and Anti-Tumor Efficacy of Mesenchymal Stem Cells Using TAT Peptide Functionalized Polymeric Nanoparticles. Cancers (Basel). 2019 Apr 6;11(4):491.

[2]. Ziegler A, et al. Interaction of the protein transduction domain of HIV-1 TAT with heparan sulfate: binding mechanism and thermodynamic parameters. Biophys J. 2004 Jan;86(1 Pt 1):254-63.

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