

Rev02
Update: Jun,09,2025

DATASHEET

TAT peptide

Cat. No.: RP20256

Overview

Description	The TAT peptide (GRKKRRQRRRPQ) is derived from the transactivator of transcription (TAT) of human immunodeficiency virus and is a Cell-penetrating peptides. Cell-penetrating peptides (CPPs) have been used to overcome the lipophilic barrier of the cellular membranes and deliver large molecules and even small particles inside the cell for their biological actions. CPPs are being used to deliver inside cell a large variety of cargoes such as proteins, DNA, antibodies, contrast (imaging) agents, toxins, and nanoparticulate drug carriers including liposomes.
Sequence	{Gly}{Arg}{Lys}{Lys}{Arg}{Arg}{Gln}{Arg}{Arg}{Arg}{Pro}{Gln}
Sequence Shortening	GRKKRRQRRRPQ
Molecular Formula	C ₆₅ H ₁₂₄ N ₃₄ O ₁₅
Molecular Weight	1621.91

Properties

Purity	> 95%
Solubility	Soluble in Ultrapure water under 1mg/ml
Form	Lyophilized
Storage	Store at -20°C.

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