

## Peptide A5K acetate

Cat. No.:	HY-P5307A
Molecular Formula:	$C_{182}H_{275}N_{55}O_{48}S \cdot xC_2H_4O_2$
Sequence:	Gly-Leu-Phe-Glu-Lys-Ile-Glu-Gly-Phe-Ile-Glu-Asn-Gly-Trp-Glu-Gly-Met-Ile-Asp-Gly-Trp-Tyr-Gly-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg GLFEKIEGFIENGWEGMIDGWYGYGRKKRRQRR (acetate salt)
Sequence Shortening:	GLFEKIEGFIENGWEGMIDGWYGYGRKKRRQRR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Peptide A5K (INF7-A5K-TAT acetate) acetate is a INF7-TAT derivative and is used for CRISPR RNP delivery into T cells. Peptide A5K acetate effectively promotes the delivery of Cas9 RNP to natural killer (NK) cells <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC50: RNP Delivery

### REFERENCES

[1]. Dana V Foss, et al. Peptide-mediated delivery of CRISPR enzymes for the efficient editing of primary human lymphocytes. Nat Biomed Eng. 2023 May;7(5):647-660.

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

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