

TAT-cyclo-CLLFVY

PRODUCT DESCRIPTION

TAT-cyclo-CLLFVY is a 71-amino-acid synthetic peptide. A synthetic peptide used as a research tool in biochemistry, pharmacology, and biomedical research. This peptide enables the study of protein-protein interactions, receptor binding, enzyme substrate specificity, and signal transduction pathways. Available in high purity (>=95% by HPLC) as a lyophilized powder for reconstitution in appropriate buffers.

PRODUCT SPECIFICATIONS

Catalog Number	BPT0879
CAS Number	1446322-66-2
Molecular Weight	2559.0699 Da
Molecular Formula	C111H188N42O24S2
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

CGRKKRRQRRPPQ{Seq,Disulfidebridge}CLLFVY{Disulfidebridge:Cys-Cys}(Lactam:Cys16-Tyr21)

Three-Letter Code:

Cys-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Pro-Pro-Gln-{Seq,Disulfidebridge}-Cys-Leu-Leu-Phe-Val-Tyr-{Disulfidebridge:Cys-Cys}(Lactam:Cys16-Tyr21)

RESEARCH APPLICATIONS

Application	Antiviral activity
Biomarker Target	Viral Proteins
Research Area	Infectious Disease
Sub-category	Antiviral Peptides & Vaccines

STORAGE & HANDLING

Storage Temperature	-20 deg C
Form	Lyophilized
Stability	Lyophilized product stable for 24 months at -20 deg C
Reconstitution	Reconstitute in sterile water or appropriate buffer
After Reconstitution	Aliquot and store at -20 to -80 deg C
Avoid	Repeated freeze-thaw cycles

AVAILABLE SIZES

Size Options	1 mg, 10 mg
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