

BKT140 Acetate salt

PRODUCT DESCRIPTION

BKT140 Acetate salt is a 56-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	BPT1265
Molecular Weight	2159.5136 Da
Molecular Formula	C97F1H144N33O19S2
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

{4-Fluorobenzoic}RR{2-Nal}CY{Cit}KkPYR{Cit}CR-NH2(Disulfidebridge:Cys5-Cys14)

Three-Letter Code:

H-{4-Fluorobenzoic}-Arg-Arg-{2-Nal}-Cys-Tyr-{Cit}-Lys-{D-Lys}-Pro-Tyr-Arg-{Cit}-Cys-Arg-NH2(Disulfidebridge:Cys 5-Cys14)

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
Usage	Research use

QUALITY CONTROL

Purity Method	HPLC, Mass Spectrometry (MS)
Identity	Confirmed by ESI-MS or MALDI-TOF
Purity	Peak Area by HPLC >=95%
Documentation	Certificate of Analysis (CoA) available upon request