

Hispidalin

PRODUCT DESCRIPTION

Hispidalin is a 49-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	BPT0075
Molecular Weight	5700.1503 Da
Molecular Formula	C255H378N72O78
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

SDYLNNNPLFPYDIGNVELSTAYRSFANQKAPGRLNQNWALTADYTYR

Three-Letter Code:

H-Ser-Asp-Tyr-Leu-Asn-Asn-Asn-Pro-Leu-Phe-Pro-Arg-Tyr-Asp-Ile-Gly-Asn-Val-Glu-Leu-Ser-Thr-Ala-Tyr-Arg-Ser-Phe-Ala-Asn-Gln-Lys-Ala-Pro-Gly-Arg-Leu-Asn-Gln-Asn-Trp-Ala-Leu-Thr-Ala-Asp-Tyr-Thr-Tyr-Arg-OH

RESEARCH APPLICATIONS

Application	Biological activity
Biomarker Target	Peptide Target
Research Area	Biomedical Research
Sub-category	Research Peptides & Tools

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