

Lactoferricin B (4-14) (bovine) /Lactotransferrin (20-30) (bovine), Lactoferrin

(20-30) (bovine), BLFC (4-14), Lactoferricin, bovine, (BLFC)

PRODUCT DESCRIPTION

Lactoferricin B (4-14) (bovine) /Lactotransferrin (20-30) (bovine), Lactoferrin (20-30) (bovine), BLFC (4-14), Lactoferricin, bovine, (BLFC) is a 11-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	BPT0077
CAS Number	183476-25-7
Molecular Weight	1544.8664 Da
Molecular Formula	C70H113N25O13S1
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

RRWQWRMKKLG

Three-Letter Code:

H-Arg-Arg-Trp-Gln-Trp-Arg-Met-Lys-Lys-Leu-Gly-OH

RESEARCH APPLICATIONS

Application	Bioactive food peptide
Biomarker Target	Food-derived Bioactive
Research Area	Nutrition
Sub-category	Food-derived Bioactive Peptides

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