

Chonluten

PRODUCT DESCRIPTION

Chonluten (Tripeptide T-34) is a tripeptide bioregulator for the respiratory/bronchopulmonary system. Interacts with DNA in the minor groove to modulate antioxidant defense genes (SOD), mucociliary clearance, and bronchial epithelial barrier integrity.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2902
CAS Number	75007-24-8
Molecular Weight	319.27 Da
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

Glu-Asp-Gly (EDG)

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