

Bronchogen

PRODUCT DESCRIPTION

Bronchogen is a tetrapeptide bioregulator for the respiratory system. Binds specific nucleotide sequences to influence epigenetic regulation in bronchial epithelial cells. Supports bronchial epithelium renewal, modulates inflammatory cytokines, and promotes surfactant production and mucociliary clearance.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2906
CAS Number	N/A
Molecular Weight	446.45 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:
Ala-Glu-Asp-Leu (AEDL)

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