

Vesilute

PRODUCT DESCRIPTION

Vesilute is a dipeptide bioregulator targeting the urinary system (bladder and pelvic tissues). Effects on smooth muscle regulation, microcirculation, and chromatin interaction for cellular repair. The shortest peptide in the Khavinson bioregulator series.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2913
CAS Number	3918-84-1
Molecular Weight	262.22 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 (ED)

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