

Epobis

PRODUCT DESCRIPTION

Epobis is a dendrimeric peptide from EPO residues 63-80, a non-erythropoietic EPOR agonist. Selectively activates tissue-protective signaling without stimulating RBC production. Crosses BBB, promotes neuritogenesis, neuronal survival, and anti-inflammatory effects.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2917
CAS Number	915091-83-7
Molecular Weight	2195.44 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:

Asn-Glu-Asn-Ile-Thr-Val-Pro-Asp-Thr-Lys-Val-Asn-Phe-Tyr-Ala-Trp-Lys-Arg (18aa)

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