

Thymogen

PRODUCT DESCRIPTION

Thymogen (oglufanide) is a thymus-derived dipeptide immunomodulator. Promotes T-lymphocyte differentiation, modulates cAMP/cGMP signaling, activates interferon synthesis and NK cell activity. The most compact known format for thymus-derived immune modulation.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2916
CAS Number	38101-59-6
Molecular Weight	333.34 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-Trp (EW)

RESEARCH APPLICATIONS

Application	Immunomodulation
Biomarker Target	Thymus-derived Peptides
Research Area	Immunology
Sub-category	Thymic Peptides & Immune Regulation

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