

Secretoneurin (mouse, rat)

PRODUCT DESCRIPTION

Secretoneurin (mouse, rat) is a 33-amino-acid synthetic peptide. A synthetic peptide used as a research tool in biochemistry, pharmacology, and biomedical research. This peptide enables the study of protein-protein interactions, receptor binding, enzyme substrate specificity, and signal transduction pathways. Available in high purity (>=95% by HPLC) as a lyophilized powder for reconstitution in appropriate buffers.

PRODUCT SPECIFICATIONS

Catalog Number	BPT2368
CAS Number	149146-12-3
Molecular Weight	3651.9253 Da
Molecular Formula	C159H252N40O58
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

TNEIVEEQYTPQSLATLESVFQELGKLTGPNSQ

Three-Letter Code:

H-Thr-Asn-Glu-Ile-Val-Glu-Glu-Gln-Tyr-Thr-Pro-Gln-Ser-Leu-Ala-Thr-Leu-Glu-Ser-Val-Phe-Gln-Glu-Leu-Gly-Lys-Leu-Thr-Gly-Pro-Asn-Ser-Gln-OH

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
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Research use

Purity Method

HPLC, Mass Spectrometry (MS)

Identity

Confirmed by ESI-MS or MALDI-TOF

Purity

Peak Area by HPLC $\geq 95\%$

Documentation

Certificate of Analysis (CoA) available upon request