

Ozarelix

PRODUCT DESCRIPTION

Ozarelix is a 34-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	BPT1956
CAS Number	295350-45-7
Molecular Weight	1459.0873 Da
Molecular Formula	C72Cl1H96N17O14
Purity	Peak Area by HPLC >=95%
Form	Lyophilized
Source	Synthetic (Chemical Synthesis, SPPS)
Endotoxin	N/A (Synthetic peptide)

AMINO ACID SEQUENCE

One-Letter Code:

Ac-{D-2-Nal}{D-4-Cpa}{D-3-Pal}S{N-Me-Tyr}{D-Hcit}{Nle}RPa-NH2

Three-Letter Code:

Ac-{D-2-Nal}-{D-Phe(4-Cl)}-{D-3-Pal}-Ser-{N-Me-Tyr}-{D-HomoCit}-{Nle}-Arg-Pro-{D-Ala}-NH2

RESEARCH APPLICATIONS

Application	Receptor binding
Biomarker Target	Disulfide-bonded Target
Research Area	Pharmacology
Sub-category	Receptor Ligands & Peptide Drugs

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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Usage

Research use

QUALITY CONTROL

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