

Orexin A Peptide

Orexin A, Human, Mouse, Rat, Bovine, Canine, Ovine, Porcine

CATALOG #
AAA106112

HOST
Synthetic

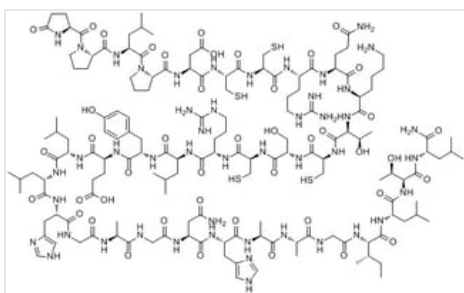
PRODUCT SYNONYMS

Orexin A; Human; Mouse; Rat; Bovine; Canine; Ovine; Porcine; Orexin A peptide

PRODUCT SPECIFICATIONS

Host	Synthetic
Purity/Purification	>95%
Form/Format	Lyophilized powder
Chemical Structure	pGlu-Pro-Leu-Pro-Asp-Cys-Cys-Arg-Gln-Lys-Thr-Cys-Ser-Cys-Arg-Leu-Tyr-Glu-Leu-Leu-His-Gly-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Leu-NH ₂ (Disulfide bridge Cys6-Cys12, Cys7-Cys14)
Biological Description	Orexin-A (hypocretin-1) is a hypothalamic neuropeptide regulating the feeding behavior. Central administration of orexin A to rats stimulated food consumption in dose-dependent manner. The effect persisted at 4 h after injection, as orexin A seems to be.
Molecular Formula	C ₁₅₂ H ₂₄₇ N ₄₇ O ₄₄ S ₄
CAS #	205640-90-0
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for Orexin A peptide

Peptide to Orexin A, Human, Mouse, Rat, Bovine, Canine, Ovine, Porcine

NCBI AND UNIPROT INFORMATION

Molecular Weight

3565.14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

