

Orexin A Biochemical

Orexin A

CATALOG #
AAA59631

PRODUCT SYNONYMS

Orexin A; Orexin A biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Solubility	DMSO
Formula	C152H243N47O44S4
CAS Number	205640-90-0
Preparation and Storage	Store at -20 degree C for 3 years (powder form); at -20 degree C for 6 months (Solution base)

IMAGES

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
0.1 mM	2.81 mL	14.04 mL	28.08 mL
0.5 mM	0.56 mL	2.81 mL	5.62 mL
1 mM	0.28 mL	1.4 mL	2.81 mL
5 mM	0.06 mL	0.28 mL	0.56 mL

*The above data is based on the product molecular weight 3561. Batch specific molecular weights may vary from batch to batch due to solvent of hydration, which will affect the solvent volumes required to prepare stock solutions.

Application Data

XPLPDCCRQKTCSCRLYELLHGAGNHAAGILTL cyclic (6-12),(7-14)-bis(disulfide)

Chemical Structure

ADDITIONAL INFORMATION

Related Product Information for Orexin A biochemical	Orexin A human, rat, mouse is a 33 amino acid excitatory neuropeptide. Orexin A human, rat, mouse works on 2 specific G protein-coupled receptors (GPCRs): orexin-1 (OX1) and orexin-2 (OX2).
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NCBI AND UNIPROT INFORMATION

Molecular Weight	3561.1
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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.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/orexin-a/59631>