

Certificate of Analysis

Orexin A 5mg

Cat. No: ORE5-024
CAS No: 205599-75-3
PubChem CID: 56842143
Chemical Name: Orexin A 5mg
MG: 5mg

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C152H243N47O44S4

Molecular Weight: 3561.1g/mol

Storage: Powder: -20°C 3 years ; 4°C 2 years ; 15°C 3 month
In solvent: -80°C 6 months ; -2°C 1 month ; 10°C 1 week

Chemical Structure: H-Pyr-Pro-Leu-Pro-Asp-Cys(1)-Cys(2)-Arg-Gln-Lys-Thr-Cys(1)-Ser-Cys(2)-Arg-Leu-Tyr-Glu-Leu-Leu-His-Gly-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Leu-NH2

ANALYTICAL DATA

Test Items	Specifications	Results
Appearance:	White to off-white lyophilized solid powder	Conforms
Purity (HPLC):	>98.7%	99.1%
TFA Content:	<0.50%	Conforms

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.