
Certificate of Analysis

Product Name: Orexin B (human)

Cat. No.: GC14887

Batch No.: 1

Chemical Name: (S,Z)-N¹-((5S,6Z,8S,9Z,11S,12Z,14S,15Z,18Z,20S,21Z,23S,24Z,26S,27Z,29S,30Z,33Z,35S,36Z,38S,39Z,41S,42Z,44S,45Z,47S,48Z,50S,51Z,53S,54Z,26-((1H-imidazol-5-yl)methyl)-14-((S)-sec-butyl)-50,59-bis(3-guanidinopropyl)-7,10,13,16,19,22,25,28,3

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 205640-91-1

Molecular Formula: C₁₂₃H₂₁₂N₄₄O₃₅S

Molecular Weight: 2899.36

Storage: Desiccate at -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: solid

HNMR: Consistent with structure

HPLC: Consistent with structure

Purity: >98%

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.

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