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**Product Name:** Orexin B (human)  
**Catalog Number:** BCC5765  
**Batch Number:** KLKH12b01

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## 1. PHYSICAL AND CHEMICAL PROPERTIES

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**Molecular Formula:** C123H212N44O35S  
**Molecular Weight:** 2899.36  
**Purity:** >98%  
**Cas Number:** 205640-91-1

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## 2. ANALYTICAL DATA

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**HPLC:** Shows >98% purity  
**NMR:** Consistent with structure

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## 3. CHEMICAL STRUCTURE

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Arg-Ser-Gly-Pro-Pro-Gly-Leu-Gln-Gly-Arg-  
Leu-Gln-Arg-Leu-Leu-Gln-Ala-Ser-Gly-Asn-  
His-Ala-Ala-Gly-Ile-Leu-Thr-Met-NH<sub>2</sub>

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## 4. USAGE GUIDE

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**Storage:** Store the product in sealed, cool and dry condition.  
**General tips:** For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while.

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**Authorized Signature:**

**Date:**