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## Product Specifications

### **Nesiritide Acetate**

CAS 114471-18-0

Structure:

Ser-Pro-Lys-Met-Val-Gln-Gly-Ser-Gly-Cys-Phe-  
Gly-Arg-Lys-Met-Asp-Arg-Ile-Ser-Ser-Ser-Ser-  
Gly-leu-Gly-Cys-Lys-Val-Leu-Arg-Arg-His-OH

Mol. Formula  
Source

$C_{143}H_{244}N_{50}O_{42}S_4$   
Synthetic

Mol. Wt.

3464.04

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White powder
<b>Water Content (K-F)</b>	< 10%
<b>Sp. Rot., <math>[\alpha]_D</math></b>	-75.0° ~ - 85.0° (c=0.5, 1%HAc)
<b>Purity (hplc)</b>	> 98%
<b>Single Impurity (by hplc)</b>	< 1.0%
<b>Acetate Content (hplc)</b>	< 15.0%
<b>Peptide Content (by %N)</b>	80%
<b>Amino Acid Composition</b>	±10% of theoretical
<b>Bacterial Endotoxins</b>	< 5 EU/mg

*Storage:* Maintain in dry, cold, 2-8 °C containment.