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## Product Specifications

### Sermorelin Acetate

CAS 114466-38-5

Structure:

**Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH<sub>2</sub>**

Mol. Formula  
Source

C<sub>149</sub>H<sub>246</sub>N<sub>44</sub>O<sub>42</sub>S (Acetate free)  
Synthetic

Mol. Wt.

3358.03 (Acetate free)

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White powder
<b>Sp. Rot., [α]<sub>D</sub></b>	- 70.0 ~ - 90.0° (c=0.5, 1% HOAc)
<b>Purity (hplc)</b>	> 98.0%
<b>Any Single Impurity (by hplc)</b>	< 1.0%
<b>Acetate Content (hplc)</b>	< 15%
<b>Bacterial Endotoxins</b>	< 5 EU/mg
<b>Water Content (K-F)</b>	< 6%

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