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## Product Specifications

### **Ziconotide Acetate**

CAS 107452-89-1

Sequence:

**Cys-Lys-Gly-Lys-Gly-Ala-Lys-Cys-Ser-Arg-Leu-Met-Tyr-Asp-Cys-Cys-Thr-Gly-Ser-Cys-Arg-Ser-Gly-Lys-Cys-NH<sub>2</sub>**

Mol. Formula  
Source

**C<sub>102</sub>H<sub>172</sub>N<sub>36</sub>O<sub>32</sub>S<sub>7</sub>**  
*Synthetic*

Mol. Wt.

2639.01

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#### *Test*

#### *Specification*

<b>Appearance</b>	White powder
<b>Purity (by hplc)</b>	> 98%
<b>Any Single Impurity (by hplc)</b>	< 1%
<b>Acetate Content (by hplc)</b>	< 12%
<b>Peptide Content (by %N)</b>	< 80%
<b>Amino Acid Composition</b>	±10% of theoretical
<b>Bacterial Endotoxins</b>	< 5 EU/mg
<b>Water Content (K-F)</b>	< 5%

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