GENERIC API

GOSERELIN
LEUPRORELIN
TRIPTORELIN

LEADING BY EXPERIENCE
<table>
<thead>
<tr>
<th></th>
<th>Leuprorelin Acetate</th>
<th>Goserelin Acetate</th>
<th>Triptorelin Acetate</th>
<th>Triptorelin Pamoate</th>
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<tbody>
<tr>
<td><strong>Product Number</strong></td>
<td>4008634</td>
<td>4141427</td>
<td>4008442</td>
<td>4144950</td>
</tr>
<tr>
<td><strong>Manufacturing Site</strong></td>
<td>Switzerland</td>
<td>Switzerland</td>
<td>Switzerland</td>
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<tr>
<td><strong>CAS Number</strong></td>
<td>53714-56-0</td>
<td>145781-92-6</td>
<td>160296-12-8</td>
<td>57773-63-4</td>
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<tr>
<td><strong>Sequence</strong></td>
<td>Pyr-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHEt</td>
<td>Pyr-His-Trp-Ser-Tyr-D-Ser(tBu)-Leu-Arg-Pro-Azagly-NH₂</td>
<td>Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH₂</td>
<td></td>
</tr>
<tr>
<td><strong>Storage Temperature</strong></td>
<td>&lt; -15 °C</td>
<td>2-8 °C</td>
<td>&lt; -15 °C</td>
<td>&lt; -15 °C</td>
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<tr>
<td><strong>Regulatory Documents</strong></td>
<td>DMF, CEP, USP</td>
<td>DMF, CEP, USP</td>
<td>DMF</td>
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</tr>
</tbody>
</table>

**Impurities**

- Des-Pyr<sup>1</sup>
- D-Pyr<sup>1</sup>
- D-His<sup>2</sup>
- D-Trp<sup>3</sup>
- D-Ser<sup>4</sup>
- D-Ser<sup>2</sup>
- Ser(Ac)<sup>4</sup>
- D-Tyr<sup>6</sup>
- Leu<sup>6</sup>
- tBu-D-Gly<sup>6</sup>
- D-Leu<sup>7</sup>
- (13<sup>C</sup>)Leu<sup>7</sup>
- Orn<sup>8</sup>
- Des-Pro-NH<sub>2</sub><sup>9</sup>
- Fragments

- D-His<sup>3</sup>
- [D<sub>5</sub>]Trp<sup>3</sup>
- D-Ser<sup>4</sup>
- Ser(Ac)<sup>4</sup>
- D-Tyr<sup>6</sup>
- D-Ser<sup>6</sup>
- Ser(tBu)<sup>6</sup>
- D-Leu<sup>7</sup>
- Des-carboxamide (Des-Gly<sup>19</sup>)

- Des-Pyr<sup>1</sup>
- Des-Pyr<sup>1</sup>-For-His<sup>2</sup>
- D-His<sup>2</sup>
- D-Ser<sup>4</sup>
- D-Tyr<sup>6</sup>
- Trp<sup>6</sup>
- D-Leu<sup>7</sup>
- Free acid
- Fragments
- Different salt forms

* Detailed list of impurities with product numbers online
We go the extra mile for you

- Worldwide supply of GMP-grade gonadorelin (LHRH) analogues for more than 20 years
- Hundreds of kilograms manufactured each year
- Going the extra mile for our clients: continuously improving processes for efficiency, robustness, and sustainability
- Synergies in gonadorelin analogue production optimized for the advantage of our customers
YOUR PARTNER OF CHOICE

Simplify the complex with our services

- Speed up your registration with available DMFs, CEPs, and materials from stock
- Get regulatory support from our experienced team
- Use an extensive and evolving catalog of impurities

Our customers value Bachem’s experience, reliability, and quick responsiveness:

"The biggest benefit of working with Bachem is the high level of trust in our relationship."

Philipp Karbach, CEO, AMW GmbH
Our second generation production processes include new technologies, such as continuous chromatography, or more precisely “Multi-column Contercurrent Solvent Gradient Purification” (MCSGP). Increased capacity results in attractive ecologic and economic benefits, measured in increase of yield and reduction of both solvent consumption and process mass intensity.

Committed to sustainability

- Ecovadis Platinum – top 1% of CDMOs
- Ambitious goals for the future in carbon neutrality, ecological and employee protection, as well as diversity
- Continuous improvement through innovation and automation
YOU CAN FOCUS ON YOUR MASTERPIECE
WE TAKE CARE OF EVERYTHING ELSE

- Resilient API supply from the market leader with secured sourcing
- High-quality material manufactured in hundreds of kg in Switzerland
- Efficiency benefits from synergistic product productions
- Sustainable supply resulting from continuous process innovation
- First-class service support for smooth development and registration

Marketing & Sales Contact

<table>
<thead>
<tr>
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<th>Asia Pacific</th>
<th>Europe, Africa, Middle East and India</th>
<th>Visit our website <a href="http://www.bachem.com">www.bachem.com</a></th>
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</thead>
</table>
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