

# BACHEM



# GENERIC API



GOSERELIN  
LEUPRORELIN  
TRIPTORELIN

**LEADING BY EXPERIENCE**

# YOUR SUCCESS WITH OUR SUPPORT BEYOND APIS

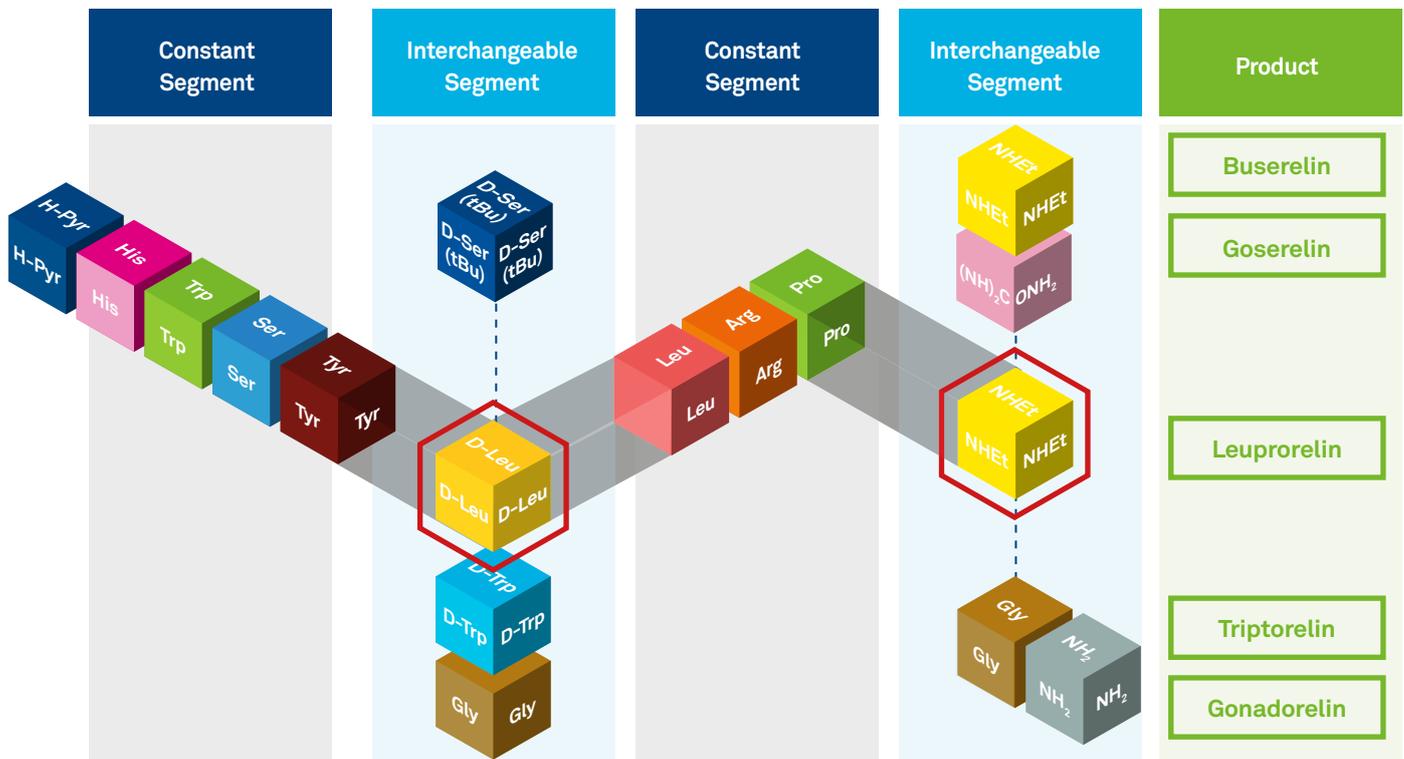
	Leuprorelin Acetate	Goserelin Acetate	Triptorelin Acetate	Triptorelin Pamoate
<b>Product Number</b>	4008634	4141427	4008442	4144950
<b>Manufacturing Site</b>	Switzerland	Switzerland	Switzerland	Switzerland
<b>CAS Number</b>	53714-56-0	145781-92-6	160296-12-8	57773-63-4
<b>Sequence</b>	Pyr-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHEt	Pyr-His-Trp-Ser-Tyr-D-Ser(tBu)-Leu-Arg-Pro-Azagly-NH <sub>2</sub>	Pyr-His-Trp-Ser-Tyr-D-Trp-Leu-Arg-Pro-Gly-NH <sub>2</sub>	
<b>Storage Temperature</b>	< -15 °C	2-8 °C	< -15 °C	< -15 °C
<b>Regulatory Documents</b>	DMF, CEP, USP	DMF, CEP, USP	DMF	
<b>Impurities*</b>	<ul style="list-style-type: none"> <li>● Des-Pyr<sup>1</sup></li> <li>● D-Pyr<sup>1</sup></li> <li>● D-His<sup>2</sup></li> <li>● D-Trp<sup>3</sup></li> <li>● D-Ser<sup>4</sup></li> <li>● Des-Ser<sup>4</sup></li> <li>● Ser(Ac)<sup>4</sup></li> <li>● D-Tyr<sup>5</sup></li> <li>● Leu<sup>6</sup></li> <li>● tBu-D-Gly<sup>6</sup></li> <li>● D-Leu<sup>7</sup></li> <li>● (<sup>13</sup>C<sub>6</sub>)Leu<sup>7</sup></li> <li>● Orn<sup>8</sup></li> <li>● Des-Pro-NHEt<sup>9</sup></li> <li>● Fragments</li> </ul>	<ul style="list-style-type: none"> <li>● D-His<sup>2</sup></li> <li>● [D<sub>5</sub>]Trp<sup>3</sup></li> <li>● D-Ser<sup>4</sup></li> <li>● Ser(Ac)<sup>4</sup></li> <li>● D-Tyr<sup>5</sup></li> <li>● D-Ser<sup>6</sup></li> <li>● Ser(tBu)<sup>6</sup></li> <li>● D-Leu<sup>7</sup></li> <li>● Des-carboxamide (Des-Gly<sup>10</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>● Des-Pyr<sup>1</sup></li> <li>● Des-Pyr<sup>1</sup>-For-His<sup>2</sup></li> <li>● D-His<sup>2</sup></li> <li>● D-Ser<sup>4</sup></li> <li>● D-Tyr<sup>5</sup></li> <li>● Trp<sup>6</sup></li> <li>● D-Leu<sup>7</sup></li> <li>● Free acid</li> <li>● Fragments</li> <li>● Different salt forms</li> </ul>	

\* Detailed list of impurities with product numbers online

# OUR EXPERIENCE IS YOUR BENEFIT

## 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



We manufacture different products with the same constant building blocks. Our customers benefit from the resulting synergies.

# 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



# RESILIENT SUPPLY OF HIGH-QUALITY API FOR YOUR PLANNING SECURITY

## Committed to sustainability

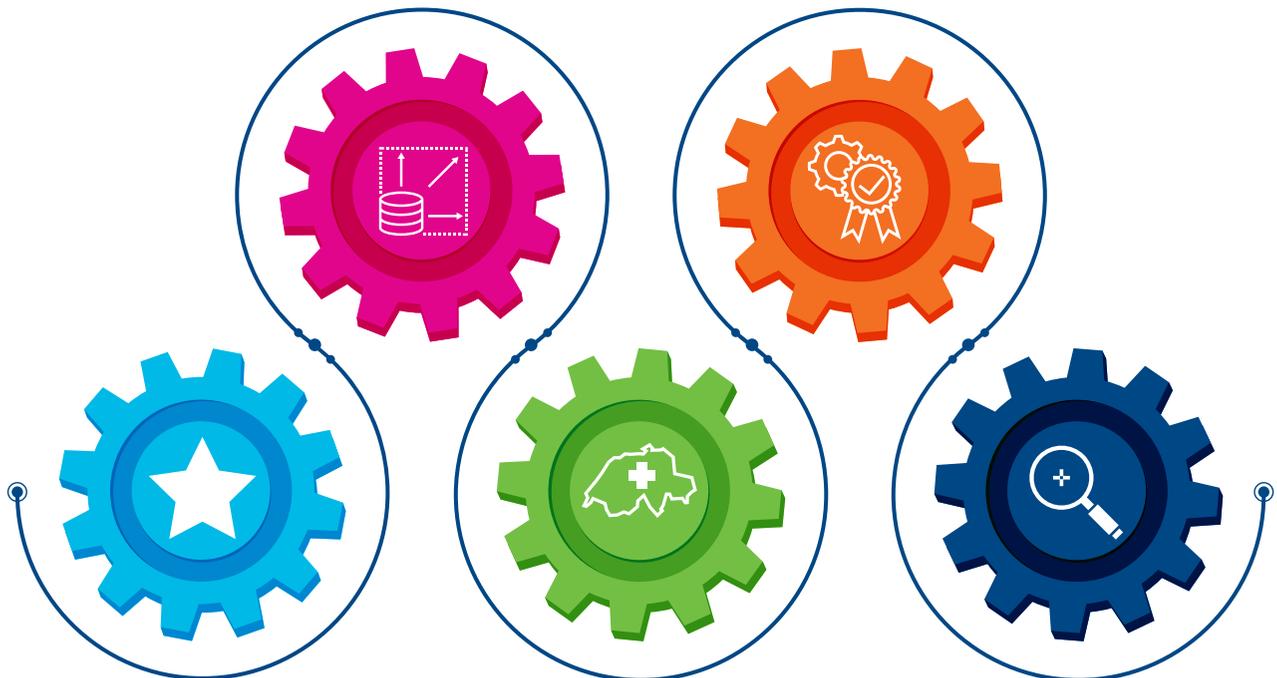
- Ecovadis Platinum – top 1% of CDMOs
- Ambitious goals for the future in carbon neutrality, ecological and employee protection, as well as diversity
- Continuous improvement through innovation and automation

### BACKWARD INTEGRATION

In-house production capability for starting materials in large quantities

### CONSISTENTLY HIGH QUALITY

Industry leader in API purity due to continuous production



### RESILIENT SUPPLY

Multiple sources of starting materials and safety stocks of APIs

### SWISS MANUFACTURING

At the forefront of innovation and sustainability

### INSPECTED & AUDITED

Successful periodical inspections by US-FDA, PMDA, SwissMedic, other health authorities and customers

Our second generation production processes include new technologies, such as continuous chromatography, or more precisely “Multi-column Countercurrent 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.

# BACHEM

## 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

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