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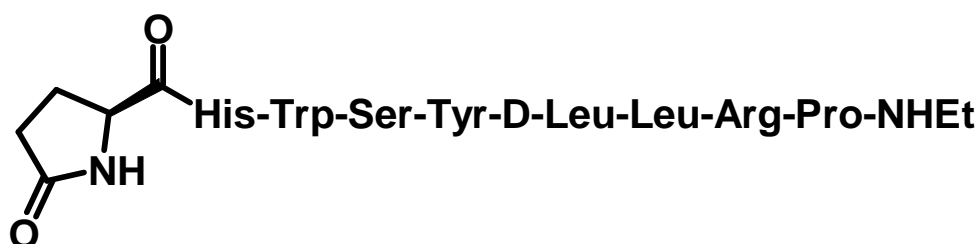
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## Product Specifications

### Leuprorelin Acetate

CAS 74381-53-6

Sequence:



Mol. Formula  
Source

$C_{59}H_{84}N_{16}O_{12}$   
Synthetic

Mol. Wt.

1209.43

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	White powder
<b>Specific Rotation, <math>[\alpha]_D</math></b>	- 38.0° ~ - 42.0° (c=1, 1%HOAc)
<b>Purity (hplc)</b>	> 98%
<b>Impurities (hplc)</b>	
<b>Total Impurities</b>	≤ 2.5%
<b>Single Impurity</b>	≤ 0.5%
<b>Acetate Content (hplc)</b>	4.7-9%
<b>Amino Acid Composition</b>	±10% of theoretical
<b>Bacterial Endotoxins</b>	< 5 EU/mg
<b>Water Content (K-F)</b>	< 5%
<b>Sulfated Ash</b>	≤ 0.3%

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