

<b>Name</b>	<b>Alarelin Acetate</b>
<b>Cat #</b>	PP-1020
<b>Size</b>	100 mg
<b>CAS#</b>	79561-22-1
<b>Mol. Mass</b>	1167.33
<b>Formula</b>	C <sub>56</sub> H <sub>78</sub> N <sub>16</sub> O <sub>12</sub>
<b>Sequence</b>	pGlu-His-Trp-Ser-Tyr-D-Ala-Leu-Arg-Pro-NHC <sub>2</sub> H <sub>5</sub>
<b>Purity</b>	
<b>Appearance</b>	
<b>General Information</b>	Endometriosis

<b>Single Impurity(HPLC)</b>	1.0%max
<b>Amino Acid Composition</b>	±10% of theoretical
<b>Peptide Content(N%)</b>	≥80.0%
<b>Water Content(Karl Fischer)</b>	≤8.0%
<b>Acetate Content(HPIC)</b>	≤12.0%
<b>Specific Rotation (20/D)</b>	-37.0~-47.0°(c=1 1%HAc)
<b>MS(ESI)</b>	Consistent
<b>Mass Balance</b>	95.0~105.0%

Alarelin (Gonadotrophin-releasing hormone) is a synthetic LH-RH agonist that is found in higher amounts than that of LH-RH in rat hypophyseal stimulation of gonadotropin secretion in vivo and in vitro and in ovulation inductions. Alarelin is known for its induction of ovulation. Alarelin acetate is the acetate form of a hypothalamic peptide that stimulates the release of FSH and LH from the pituitary gland.

In vitro research use only.

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