



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

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

PP-1020 rev 120731A