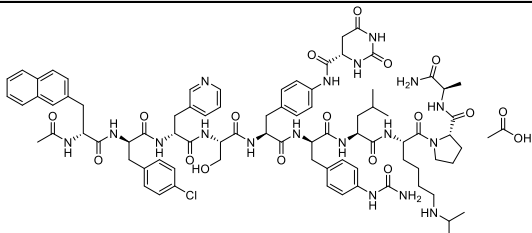




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
100255	Degarelix acetate	B7B12C09

Chemical name	
(S)-N-(4-((2S,5S,8R,11R,14R)-2-(((R)-1-(((S)-1-(((S)-1-((R)-1-amino-1-oxopropan-2-yl)carbamoyl)pyrrolidin-1-yl)-6-(isopropylamino)-1-oxohexan-2-yl)amino)-4-methyl-1-oxopentan-2-yl)amino)-1-oxo-3-(4-ureidophenyl)propan-2-yl)carbamoyl)-11-(4-chlorobenzyl)-5-(hydroxymethyl)-14-(naphthalen-2-ylmethyl)-4,7,10,13,16-pentaazo-8-(pyridin-3-ylmethyl)-3,6,9,12,15-pentaazaheptadecyl)phenyl)-2,6-dioxohexahydropyrimidine-4-carboxamide acetate	
Synonyms	
FE200486; FE-200486; FE 200486; ASP3550; ASP-3550; ASP 3550. Degarelix acetate; tradename Firmagon.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 100255 Name: Degarelix acetate CAS#: 934246-14-7 (acetate) Lot# B7B12C09 Chemical Formula: C ₈₄ H ₁₀₇ ClN ₁₈ O ₁₈ Molecular Weight: 1692.31

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE