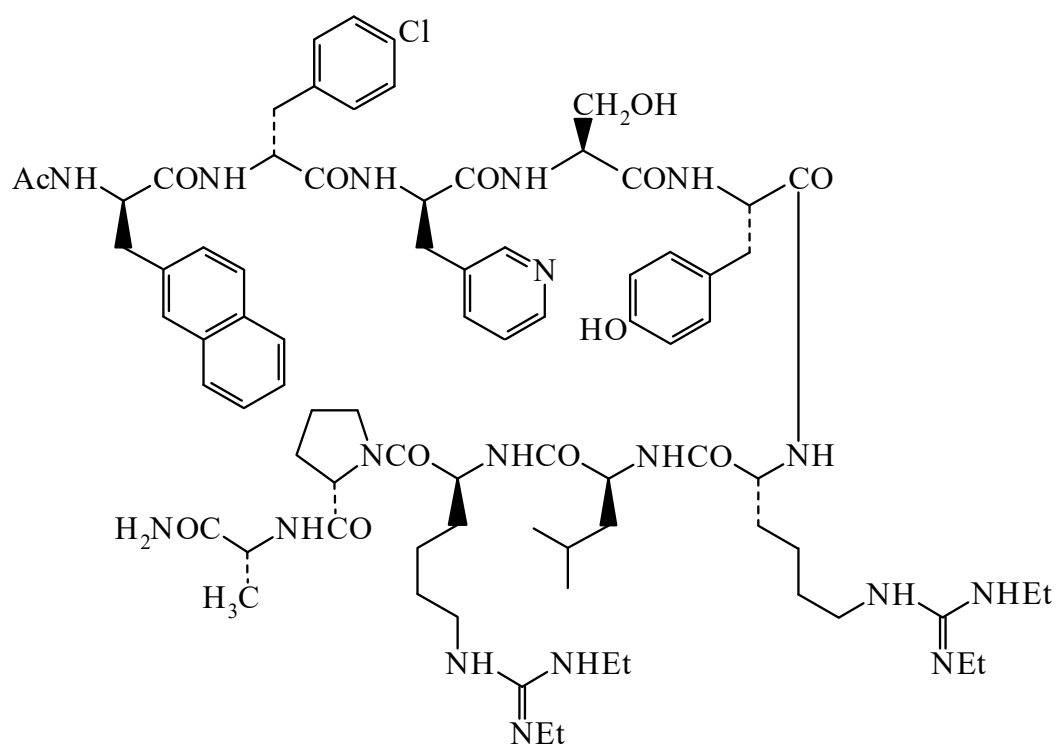




>>>Entry Name: **Ganirelix**, BAN, INN

Synonym(s): *N*-Acetyl-3-(2-naphthalenyl)-D-alanyl-4-chloro-D-phenylalanyl-3-(3-pyridinyl)-D-alanyl-L-seryl-L-tyrosyl-*N*⁶-[bis(ethylamino)methylene]-D-lysyl-L-leucyl-*N*⁶-[bis(ethylamino)methylene]-L-lysyl-L-prolyl-D-alaninamide, 9Cl. RS 26306



CAS Registry Number: 124904-93-4

Molecular Formula: C₈₀H₁₁₃ClN₁₈O₁₃

Molecular Weight: 1570.338

Accurate Mass: 1568.842304

Percentage Composition: C 61.19%; H 7.25%; Cl 2.26%; N 16.06%; O 13.25%

Use/Importance: LHRH receptor antagonist. Used in the treatment of gonadal steroid dependent diseases

Development Status: Marketed drug. Approved by FDA (1999)

Other Data: Related to Detirelix [BSP80-Z](#), Cetrorelix [NKH87-Q](#) and Ramorelix [NKH86-P](#)

>>>Derivative: Acetate salt (1:2)

Synonym(s): **Ganirelix acetate**, USAN

CAS Registry Number: 129311-55-3

References:

- Eur. Pat.*, 1989, *Syntex*, 301 850; *CA*, **112**, 92588e, (*synth*)
Lee, C.H. *et al.*, *Life Sci.*, 1989, **45**, 697, (*pharmacol*)
Strickley, R.G. *et al.*, *Pharm. Res.*, 1990, **7**, 530, (*hplc*)
Chan, R.L. *et al.*, *Drug Metab. Dispos.*, 1991, **19**, 858, (*metab*)
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Nelson, L.R. *et al.*, *Fertil. Steril.*, 1995, **63**, 963, (*pharmacol*)
Gillies, P.S. *et al.*, *Drugs*, 2000, **59**, 107-111, (*rev*)