

Name	Nafarelin Acetate
Cat #	PP-1540
Size	1 g, 10 g, 100, g and bulk custom packages
CAS#	76932-56-4
Mol. Mass	1322.48
Formula	C ₆₉ H ₈₃ N ₁₇ O ₁₃
Sequence	Pyr-His-Trp-Ser-Tyr-D-2-Nal-Leu-Arg-Pro-Gly-NH ₂
Purity	>95%

Nafarelin is a gonadotropin-releasing hormone agonist (GnRH agonist). By causing constant stimulation of the pituitary, it decreases pituitary secretion of gonadotropins luteinizing hormone (LH) and follicle stimulating hormone (FSH). Nafarelin may be used in the treatment of estrogen-dependent conditions (such as endometriosis or uterine fibroids), to treat central precocious puberty, and to control ovarian stimulation in IVF.

It is normally delivered via a nasal spray.

Side effects of nafarelin are mostly related to the low estrogen state. Side effects include hot flashes, vaginal dryness, headaches, mood changes, and decreased interest in sex. Some patients may experience acne, muscle pain, reduced breast size, and irritation of the tissue inside the nose. These side effects should disappear after stopping the medication.

