

Product Name	: Nafarelin acetate(76932-56-4 free base)
Synonyms	: RS-94991-298; Nafarelin acetate hydrate; Synarel
Cat No.	: M24772
CAS Number	: 76932-60-0
Molecular Formula	: C ₆₈ H ₈₉ N ₁₇ O ₁₆
Formula Weight	: 1400.6
Chemical Name	: —
Description	Nafarelin acetate is a GnRH agonist that acts as an analog of GnRH. Nafarelin causes a decrease in the pituitary secretion of gonadotropins luteinizing hormone (LH) and follicle-stimulating hormone (FSH). It may be used in the treatment of estrogen-dependent conditions.
Pathway	: Others
Target	: Other Targets
Receptor	: GNRHR
Solubility	: DMSO:Soluble; Water:Insoluble
SMILES	<chem>CC(C)C[C@@H](C(=O)N[C@@H](CCCN=C(N)N)C(=O)N1CCC[C@H]1C(=O)NCC(=O)N)NC(=O)[C@@H](CC2=CC3=CC=CC=C3C=C2)NC(=O)[C@H](CC4=CC=C(C=C4)O)NC(=O)[C@H](CO)NC(=O)[C@H](CC5=CNC6=CC=CC=C65)NC(=O)[C@H](CC7=CN=CN7)NC(=O)[C@@H]8CCC(=O)N8.CC(=O)O.O</chem>
Storage	: (-20℃)
Stability	: ≥ 2 years
Reference	:

1.Ludwig C, Desmoulins PO, Driancourt MA, Goericke-Pesch S, Hoffmann B. Reversible downregulation of endocrine and germinative testicular function (hormonal castration) in the dog with the GnRH-agonist azagly-nafarelin as a removable implant "Gonazon"; a preclinical trial. Theriogenology. 2009 Apr 15;71(7):1037-45.