

## Product Datasheet

# Nafarelin acetate(76932-56-4 free base) (orb1217663)

<b>Catalog Number</b>	orb1217663
<b>Category</b>	Small Molecules
<b>Description</b>	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.
<b>Target</b>	GNRHR
<b>Purity</b>	>98% (HPLC)
<b>MW</b>	1400.56
<b>Target Areas</b>	GNRHR
<b>Solubility (25°C)</b>	DMSO:Soluble; Water:Insoluble
<b>CAS Number</b>	76932-60-0
<b>Formula</b>	C <sub>68</sub> H <sub>89</sub> N <sub>17</sub> O <sub>16</sub>
<b>SMILES</b>	<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]8CCCC(=O)N8.CC(=O)O.O</chem>
<b>Storage</b>	Storage temperature: -20°C. Stability: ≥ 2 years
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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