

## Product Datasheet

### Nafarelin acetate(76932-56-4 free base) (orb1306406)

<b>Catalog Number</b>	orb1306406
<b>Category</b>	Small Molecules
<b>Description</b>	Nafarelin acetate (76932-56-4 free base) is a synthetic GnRH agonist analog that suppresses pituitary secretion of LH and FSH. It is widely used in research for studying and modeling estrogen-dependent conditions, including endometriosis and central precocious puberty, in both in vitro and in vivo experimental systems.
<b>Target</b>	GNRH Receptor
<b>Purity</b>	99.98% (May vary between batches)
<b>MW</b>	1382.55
<b>Target Areas</b>	GNRH Receptor
<b>Solubility (25°C)</b>	DMSO:Soluble;H2O:Insoluble
<b>CAS Number</b>	76932-60-0
<b>Formula</b>	C <sub>68</sub> H <sub>87</sub> N <sub>17</sub> O <sub>15</sub>
<b>SMILES</b>	<chem>C(C)(O)=O.C([C@H](NC([C@H](CC1=CN=CN1)NC(=O)[C@@H]2CCC(=O)N2)=O)C(N[C@H](C(N[C@@H](CC3=CC=C(O)C=C3)C(N[C@H](CC4=CC5=C(C=C4)C=C C=C5)C(N[C@H](C(N[C@H](C(=O)N6[C@H](C(NCC(N)=O)=O)CCC6)CCCNC(=N)N)=O)CC(C)C)=O)=O)CO)=O)C=7C=8C(NC7)=CC=CC8</chem>
<b>Storage</b>	keep away from moisture   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only

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**Expiration Date**

12 months from date of receipt.

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