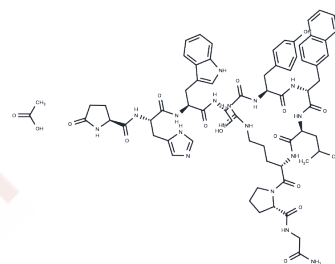


## Nafarelin acetate(76932-56-4 free base)

### Chemical Properties

CAS No. :	76932-60-0
Formula:	C68H87N17O15
Molecular Weight:	1382.55
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Nafarelin acetate(76932-56-4 free base) (RS-94991-298) is a GnRH agonist that acts as an analog of GnRH. Nafarelin acetate(76932-56-4 free base) 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.
Targets(IC50)	GNRH Receptor

### Solubility Information

Solubility	H2O: Insoluble, DMSO: Soluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7233 mL	3.6165 mL	7.233 mL
5 mM	0.1447 mL	0.7233 mL	1.4466 mL
10 mM	0.0723 mL	0.3617 mL	0.7233 mL
50 mM	0.0145 mL	0.0723 mL	0.1447 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

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