

# **Triptorelin** Catalog No: tcsc5745

 Available Sizes

 Size: 1mg

 Size: 5mg

Size: 10mg

**Size:** 25mg

Size: 50mg

Size: 100mg

Specifications

#### CAS No:

57773-63-4

Formula:

 $C_{64}H_{82}N_{18}O_{13}$ 

Pathway:

#### GPCR/G Protein

### **Target:**

**GNRH** Receptor

#### Purity / Grade:

>98%

## Solubility:

10 mM in DMSO

### **Alternative Names:** [DTrp6]-LH-RH

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### **Observed Molecular Weight:**

1311.45

## **Product Description**

Triptorelin is a GnRH agaonist shown to inhibit estradiol-induced cancer cell proliferation

In vivo: (1) Triptorelin can improve the pregnancy rate by 12% to 15% in ewes6 and downregulate ovarian GnRHR-I expression of female rats, especially in late-growing follicles.

(2) Triptorelin immunity blocked EET and UWT, inhibited uterine growth and development and enhance the expression levels s of ESR1, LHR, and FSHR proteins.



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