

Cetrorelix (Acetate)

Catalog No: tcsc5843



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg



Specifications

CAS No:

145672-81-7

Formula:

$C_{72}H_{96}ClN_{17}O_{16}$

Pathway:

GPCR/G Protein

Target:

GNRH Receptor

Purity / Grade:

>98%

Solubility:

H2O : 5 mg/mL (3.35 mM; Need ultrasonic)

Alternative Names:

SB-075 acetate;NS-75A

Observed Molecular Weight:

1491.09

Product Description

Cetrorelix Acetate is a potent gonadotropin-releasing hormone (**GnRH**) receptor antagonist with an **IC₅₀** of 1.21 nM. Sequence: N-acetyl-{2-Naph-Ala}-{Cl-Phe}-{3Py-Ala}-Ser-Tyr-{Cit}-Leu-Arg-Pro-Ala-NH₂.

IC₅₀ & Target: IC₅₀: 1.21 nM GnRH^[1].

In Vitro: Cetrorelix Acetate inhibits growth of ES-2 cell line at 1000 ng/ml. Cetrorelix Acetate has comparable antiproliferative effects as GnRH-I agonists indicating that the dichotomy of GnRH-I agonists and antagonists might not apply to the GnRH-I system in cancer cells^[2].

AFASYXLRPA acetate

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!