

Goserelin

Catalog No: tcsc3114

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Available Sizes

Size: 10mg

Specifications

CAS No:

65807-02-5

Formula:

 $C_{59}H_{84}N_{18}O_{14}$

Pathway:

GPCR/G Protein

Target:

GNRH Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names: ICI 118630

Observed Molecular Weight:

1269.41

Product Description

Goserelin(ICI 118630) is an injectable gonadotropin releasing hormone superagonist (GnRH agonist).

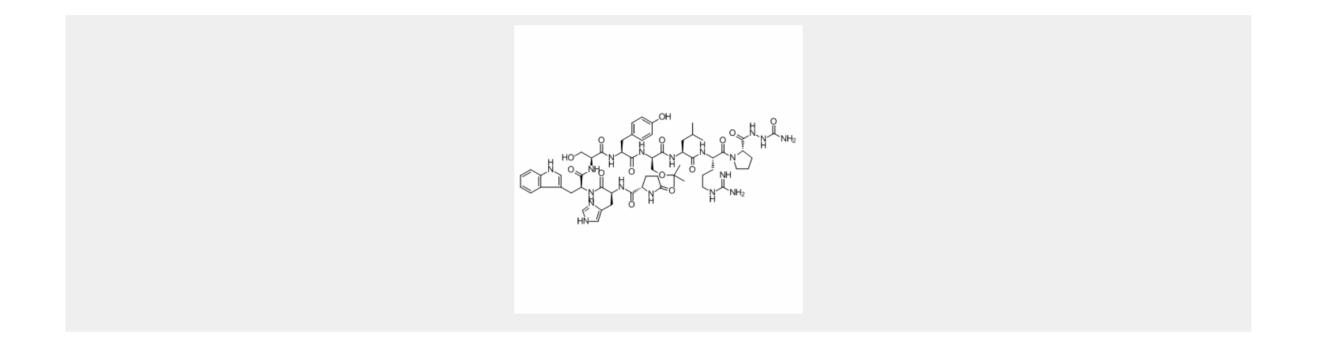
IC50 value:

Target: GnRH agonist

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Goserelin is used to treat hormone-sensitive cancers of the breast (in pre- and peri- menopausal women) and prostate, and some benign gynaecological disorders (endometriosis, uterine fibroids and endometrial thinning). In addition, goserelin is used in assisted reproduction and in the treatment of precocious puberty. It may also be used in the treatment of male-to-female transsexuals and is favoured above other anti-androgens in some countries, such as the UK. It is available as a 1-month depot and a long-acting 3-month depot. Goserelin stimulates the production of the sex hormones testosterone and estrogen in a non-pulsatile (non-physiological) manner.



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