

# DALMARELIN<sup>®</sup> Injectable solution

SYNTHETIC ANALOG OF GONADOTROPIN-RELEASING HORMONE.



## **Cows:**

- It is indicated in the treatment and prevention of follicular ovarian cysts.
- Induction of ovulation at the time of insemination in cases of short, prolonged or silent heat.

## **Mares:**

- It is indicated in the induction of ovulation.
- Improved conception rate.

## Technical Specification

### SPECIES

Cows and mares.

### DESCRIPTION

Synthetic GnRH analog

### DOSAGE FORM

Injectable solution

### THERAPEUTIC ACTION

Synthetic analog of gonadotropin-releasing hormone.

### COMPOSITION

Each mL of solution for injection contains:

Lecirelin Acetate .....26.5 µg  
(equivalent to 25 µg of Lecirelin)  
Excipients csp .....1 mL

### PROPERTIES

**Dalmarelin<sup>®</sup>** is an injectable aqueous solution containing lecorelin, a synthetic analog of the hypothalamic polypeptide hormone GnRH, which induces the release of the gonadotropin hormones LH and FSH from the frontal pituitary.

Lecirelin differs from natural hormones in that it is a nonapeptide and not a decapeptide by substituting glycine in the tenth position with a highly lipophilic ethylamine. This change in the structure increases the affinity for specific pituitary receptors, resulting in an increase in the levels of LH and FSH, as well as a prolongation of their effects for a period greater than 240 minutes, as opposed to the 90 minutes of the natural hormone.

**Dalmarelin®** is indicated in cases of low fertility due to immaturity or delayed maturity of the flail and ovulation due to insufficient FSH and LH secretion by the pituitary. The inoculation of gonadotropins determines physiologically uncontrollable exogenous effects, whereas the administration of **Dalmarelin®** determines the secretion of pituitary gonadotropins that can be controlled by the organism through negative feedback mechanisms.

#### INDICATIONS

---

##### **Cows:**

- It is indicated in the treatment and prevention of follicular ovarian cysts.
- Induction of ovulation at the time of insemination in cases of short, prolonged or silent heat.

##### **Mares:**

- It is indicated in the induction of ovulation.
- Improved conception rate.

#### MODE OF APPLICATION

---

Intramuscular administration.

#### ROUTE OF ADMINISTRATION AND DOSAGE

---

Administer intramuscularly.

##### **Cows**

- **Treatment of follicular ovarian cysts:** 50 µg of Lecirelin per animal, equivalent to 2 mL of the product, once the existence of a cyst has been verified. If no disappearance or luteinization has occurred after 10 days, apply a second dose of 100 µg of lecirelin, equivalent to 4 mL of product.
- **Prevention of follicular ovarian cysts:** In cows with a history of previous lactations of follicular cysts, apply 50 µg of Lecirelin per animal, equivalent to 2 mL of the product, on day 14 post partum.
- **Induction of ovulation at the time of insemination in cases of short, prolonged or silent cycles:** 50 µg of Lecirelin per animal, equivalent to 2 mL of the product at the time of insemination.

##### **Mares**

- **Induction of ovulation and improvement of the conception rate:** 4 mL of product per animal. Administration should be carried out when, after gynecological inspection, a follicle of at least 40 mm in diameter is diagnosed.
- The treatment should be repeated if after a period of 24-36 hours there is no ovulation.

#### WARNINGS

---

- Its use is not recommended during pregnancy.
- In case of contact with the operator's skin, it is recommended to wash immediately with plenty of soap and water.
- Do not handle by pregnant women.

#### GUARD PERIOD

---

Meat: Zero days.

Milk: Zero hours.

#### CONSERVATION

---

Store between 2 and 25 ° C in a cool, dry place protected from light.

Once opened, use within 28 days. Discard the unused product after that period of time.

#### CONDITION OF SALE

---

To be supply only on veterinary prescription.

#### PRESENTATION

---

Case with 1 or 5 bottles of 10 mL, 1 or 10 bottles of 4 mL or 1 bottle of 20 mL of product

#### PREPARED BY

---

Fatro S.p.A.- Italy.

#### RECORDS

---

Reg SAG No 2077-B

You have entered drug info or veterinary products intended exclusively (s) kind (s) indicated (s).

Drag Pharma Lab is not responsible for the consequences of misuse of the products, and the use of this information without consulting a veterinarian