

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE {Cardboard box (50 ml / 100 ml / 250 ml)}**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

ZACTRAN 150 mg/ml solution for injection for cattle, sheep and pigs

**2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES**

Per 1 ml:

gamithromycin 150 mg

**3. PACKAGE SIZE**

50 ml  
100 ml  
250 ml

**4. TARGET SPECIES**

Cattle, sheep and pigs

**5. INDICATION(S)**

**6. ROUTES OF ADMINISTRATION**

Cattle and sheep: Subcutaneous use.

Pigs: Intramuscular use.

**7. WITHDRAWAL PERIODS**

Withdrawal periods:

Meat and offal: Cattle: 64 days. Sheep: 29 days. Pigs: 16 days.

Not authorised for use in animals producing milk for human consumption.

Do not use in pregnant animals which are intended to produce milk for human consumption, within 2 months (cows, heifers) or 1 month (ewes) of expected parturition.

**8. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days.

Once broached, use by: \_\_\_\_\_

**9. SPECIAL STORAGE PRECAUTIONS**

**10. THE WORDS “READ THE PACKAGE LEAFLET BEFORE USE”**

Read the package leaflet before use.

**11. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

**12. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”**

Keep out of the sight and reach of children.

**13. NAME OF THE MARKETING AUTHORISATION HOLDER**

Boehringer Ingelheim Vetmedica GmbH

**14. MARKETING AUTHORISATION NUMBER**

Vm 04491/5061

**15. BATCH NUMBER**

Lot {number}

**16. SPECIAL WARNING(S), IF NECESSARY**

**17. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: Read package leaflet

**18. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE**

POM-V ('Veterinary medicinal product subject to prescription')
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**PARTICULARS TO APPEAR ON THE OUTER PACKAGE {Cardboard box (500 ml)}**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

ZACTRAN 150 mg/ml solution for injection for cattle and pigs

**2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES**

Per 1 ml:

gamithromycin 150 mg

**3. PACKAGE SIZE**

500 ml

**4. TARGET SPECIES**

Cattle, pigs

**5. INDICATION(S)**

**6. ROUTES OF ADMINISTRATION**

Cattle: Subcutaneous use.

Pigs: Intramuscular use.

**7. WITHDRAWAL PERIODS**

Withdrawal periods:

Meat and offal: Cattle: 64 days. Pigs: 16 days.

Not authorised for use in animals producing milk for human consumption.

Do not use in pregnant cows and heifers which are intended to produce milk for human consumption, within 2 months of expected parturition.

**8. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days.

Once broached, use by: \_\_\_\_\_

**9. SPECIAL STORAGE PRECAUTIONS**

**10. THE WORDS “READ THE PACKAGE LEAFLET BEFORE USE”**

Read the package leaflet before use.

**11. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

**12. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”**

Keep out of the sight and reach of children.

**13. NAME OF THE MARKETING AUTHORISATION HOLDER**

Boehringer Ingelheim Vetmedica GmbH

**14. MARKETING AUTHORISATION NUMBER**

Vm 04491/5061

**15. BATCH NUMBER**

Lot {number}

**16. SPECIAL WARNING(S), IF NECESSARY**

**17. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: Read package leaflet

**18. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE**

POM-V ('Veterinary medicinal product subject to prescription')
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**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING**  
**UNITS {Glass vial 50 ml}**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

ZACTRAN



**2. QUALITATIVE AND QUANTITATIVE PARTICULARS OF THE ACTIVE SUBSTANCES**

50 ml

Per 1 ml:  
gamithromycin 150 mg

**3. BATCH NUMBER**

Lot {number}

**4. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days.

Once broached, use by: \_\_\_\_\_

**5. ROUTE(S) OF ADMINISTRATION**

**6. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

**PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE {VIAL 100 ml, 250 ml}**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

ZACTRAN 150 mg/ml solution for injection for cattle, sheep and pigs

**2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES**

Per 1 ml:

gamithromycin 150 mg

100 ml

250 ml

**3. TARGET SPECIES**

Cattle, sheep and pigs

**4. ROUTES OF ADMINISTRATION**

SC (cattle, sheep) IM (pigs)

Read the package leaflet before use.

**5. WITHDRAWAL PERIODS**

Withdrawal periods:

Meat and offal: Cattle: 64 days. Sheep: 29 days. Pigs: 16 days.

Not authorised for use in animals producing milk for human consumption.

Do not use in pregnant animals which are intended to produce milk for human consumption, within 2 months (cows, heifers) or 1 month (ewes) of expected parturition.

**6. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days.

Once broached, use by: \_\_\_\_\_

**7. SPECIAL STORAGE PRECAUTIONS**

Keep the vial in the outer carton.

**8. NAME OF THE MARKETING AUTHORISATION HOLDER**

Boehringer Ingelheim Vetmedica GmbH

**9. BATCH NUMBER**

Lot {number}

**10. SPECIAL WARNING(S), IF NECESSARY**

**11. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: Read package leaflet

**12. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE IF APPLICABLE**

For animal treatment only.

POM-V ('Veterinary medicinal product subject to prescription')
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**PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE {VIAL 500 ml}**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

ZACTRAN 150 mg/ml solution for injection for cattle and pigs

**2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES**

Per 1 ml:

gamithromycin 150 mg

500 ml

**3. TARGET SPECIES**

Cattle, pigs

**4. ROUTES OF ADMINISTRATION**

SC (cattle) IM (pigs)

Read the package leaflet before use.

**5. WITHDRAWAL PERIODS**

Withdrawal periods:

Meat and offal: Cattle: 64 days. Pigs: 16 days.

Not authorised for use in animals producing milk for human consumption.

Do not use in pregnant animals which are intended to produce milk for human consumption, within 2 months (cows, heifers) of expected parturition.

**6. EXPIRY DATE**

Exp. {mm/yyyy}

Once broached, use within 28 days.

Once broached, use by: \_\_\_\_\_

**7. SPECIAL STORAGE PRECAUTIONS**

Keep the vial in the outer carton.

**8. NAME OF THE MARKETING AUTHORISATION HOLDER**

Boehringer Ingelheim Vetmedica GmbH

**9. BATCH NUMBER**

Lot {number}



**10. SPECIAL WARNING(S), IF NECESSARY**

**11. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Disposal: Read package leaflet

**12. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE IF APPLICABLE**

For animal treatment only.

POM-V ('Veterinary medicinal product subject to prescription')
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## **PARTICULARS TO APPEAR ON THE PACKAGE LEAFLET:**

### **1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

ZACTRAN 150 mg/ml solution for injection for cattle, sheep and pigs

### **2. COMPOSITION**

Each ml contains

Active substance: 150 mg of gamithromycin

Excipients: 1 mg of monothioglycerol

Colourless to pale yellow solution.

### **3. TARGET SPECIES**

Cattle, sheep and pigs.

### **4. INDICATIONS FOR USE**

Cattle:

Treatment and metaphylaxis of bovine respiratory disease (BRD) associated with *Histophilus somni*, *Mannheimia haemolytica* and *Pasteurella multocida*.

The presence of the disease in the group should be established before the product is used.

Pigs:

Treatment of swine respiratory disease (SRD) associated with *Actinobacillus pleuropneumoniae*, *Bordetella bronchiseptica*, *Glaesserella parasuis* and *Pasteurella multocida*.

Sheep:

Treatment of infectious pododermatitis (foot rot) associated with virulent *Dichelobacter nodosus* and *Fusobacterium necrophorum* requiring systemic treatment.

### **5. CONTRAINDICATIONS**

Do not use in case of hypersensitivity to the active substance or to any of the excipients or to other macrolide antibiotics.

Do not use this veterinary medicinal product simultaneously with other macrolides or lincosamides.

## 6. SPECIAL WARNINGS

### Special warnings:

#### Cattle, pigs and sheep:

Cross resistance has been shown between gamithromycin and other macrolides. Use of the product should be carefully considered when susceptibility testing has shown resistance to other macrolides because its effectiveness may be reduced. Avoid simultaneous administration of antimicrobials with a similar mode of action such as other macrolides or lincosamides.

#### Sheep:

The efficacy of antimicrobial treatment of foot rot might be reduced by other factors, such as wet environmental conditions, as well as inappropriate farm management. Treatment of foot rot should therefore be undertaken along with other flock management tools, for example providing dry environment. Antibiotic treatment of benign foot rot is not considered appropriate.

### Special precautions for safe use in the target species:

Use of the product should be based on identification and susceptibility testing of the target pathogen(s). If this is not possible, therapy should be based on epidemiological information and knowledge of susceptibility of the target pathogens at farm level, or at local/regional level. Use of the product should be in accordance with official, national and regional antimicrobial policies.

An antibiotic with a lower risk of antimicrobial resistance selection (lower AMEG category) should be used for first line treatment where susceptibility testing suggests the likely efficacy of this approach.

### Special precautions to be taken by the person administering the veterinary medicinal product to animals:

People with known hypersensitivity to the macrolide class should avoid contact with the veterinary medicinal product. Gamithromycin may cause irritation to eyes and/or skin.

Avoid contact with skin or eyes. If eye exposure occurs, flush eyes immediately with clean water. If skin exposure occurs, wash the affected area immediately with clean water.

In case of accidental self-injection, seek medical advice immediately and show the package leaflet or the label to the physician.

Wash hands after use.

### Pregnancy and lactation:

The safety of the veterinary medicinal product has not been established during pregnancy and lactation in cattle, sheep and pigs.

Based on laboratory animal data, gamithromycin has not produced any evidence of specific developmental or reproductive effects. Use according to the benefit/risk assessment by the responsible veterinarian.

### Interaction with other medicinal products and other forms of interaction:

See "special warnings"

Overdose:

Clinical studies have demonstrated the wide margin of safety for gamithromycin injection in the target species. In young adult cattle, sheep and pig studies, gamithromycin was administered by injection at 6, 18, and 30 mg/kg (1, 3, and 5 times the recommended dose) and repeated three times at 0, 5 and 10 days (three times the recommended duration of use). Injection site reactions were noted in a dose related manner.

Major incompatibilities:

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

## 7. ADVERSE EVENTS

Cattle:

**Very common (>1 animal / 10 animals treated):** injection site swelling<sup>1</sup>, injection site pain<sup>2</sup>.

<sup>1</sup> Typically resolves within 3 to 14 days but may persist for up to 35 days

<sup>2</sup> Slight pain may develop for 1 day

Sheep:

**Common (1 to 10 animals / 100 animals treated):** injection site swelling<sup>3</sup>, injection site pain<sup>4</sup>.

<sup>3</sup> Mild to moderate and typically resolves within 4 days

<sup>4</sup> Slight pain may develop for 1 day

Pigs:

**Common (1 to 10 animals / 100 animals treated):** injection site swelling.<sup>5</sup>

<sup>5</sup> Mild to moderate and typically resolves within 2 days

Reporting adverse events is important. It allows continuous safety monitoring of a veterinary medicinal product. If you notice any side effects, even those not already listed in this package leaflet, or you think that the medicine has not worked, please contact, in the first instance, your veterinarian. You can also report any adverse events to the marketing authorisation holder or the local representative of the marketing authorisation holder using the contact details at the end of this leaflet, or via your national reporting system.

## 8. DOSAGE FOR EACH SPECIES, ROUTES AND METHOD OF ADMINISTRATION

A single dose of 6 mg gamithromycin/kg body weight (equivalent to 1 ml/25 kg body weight) into the neck (cattle and pigs) or anterior to the shoulder (sheep).

Cattle and sheep: **subcutaneous** injection. For treatment of cattle over 250 kg and sheep over 125 kg body weight, divide the dose so that no more than 10 ml (cattle) and 5 ml (sheep) are injected at a single site.

Pigs: **intramuscular** injection. The injection volume should not exceed 5 ml per injection site.

The cap may be safely punctured up to 50 times with a 16G needle and up to 80 times with a 18G needle. For multiple vial entry, an automatic dosing device is recommended to avoid excessive broaching of the stopper.

## **9. ADVICE ON CORRECT ADMINISTRATION**

To ensure correct dose, body weight should be determined as accurately as possible.

## **10. WITHDRAWAL PERIODS**

Meat and offal: Cattle: 64 days. Sheep: 29 days. Pigs: 16 days

Not authorised for use in animals producing milk for human consumption.

Do not use in pregnant animals which are intended to produce milk for human consumption, within 2 months (cows, heifers) or 1 month (ewes) of expected parturition.

## **11. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special storage conditions.

Do not use this veterinary medicinal product after the expiry date which is stated on the vial after Exp. The expiry date refers to the last day of that month.

Shelf-life after first opening the immediate packaging: 28 days.

## **12. SPECIAL PRECAUTIONS FOR DISPOSAL**

Medicines should not be disposed of via wastewater.

Dispose of waste material in accordance with local requirements. These measures should help to protect the environment.

Ask your veterinary surgeon how to dispose of medicines no longer required.

## **13. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCTS**

Veterinary medicinal product subject to prescription.

## **14. MARKETING AUTHORISATION NUMBERS AND PACK SIZES**

Vm 04491/5061

Type 1 glass vial of 50, 100, 250 or 500 ml with a chlorobutyl rubber stopper, a polypropylene cap and an aluminium crimp seal.

Polypropylene vial of 100, 250 or 500 ml with a chlorobutyl rubber stopper, a polypropylene cap and an aluminium crimp seal.

Cardboard box containing 1 vial of 50, 100, 250 or 500 ml.

The 500 ml vial is for cattle and pigs only.

Not all pack sizes may be marketed.

## 15. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST REVISED

September 2023

Find more product information by searching for the 'Product Information Database' or 'PID' on [www.gov.uk](http://www.gov.uk)

## 16. CONTACT DETAILS

Marketing authorisation holder and contact details to report suspected adverse reactions:

Boehringer Ingelheim Vetmedica GmbH  
55216 Ingelheim/Rhein  
Germany

Manufacturer responsible for batch release:

Boehringer Ingelheim Animal Health France SCS  
4, Chemin du Calquet  
31000 Toulouse  
France

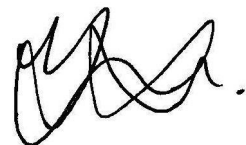
Local representatives and contact details to report suspected adverse events:

### **United Kingdom (Great Britain)**

Boehringer Ingelheim Animal Health UK Limited  
Tel: + 44 1344 746957

## 17. OTHER INFORMATION

For animal treatment only POM-V ('Veterinary medicinal product subject to prescription')
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Approved: 19 September 2023