

Work Document Information Product : T-ZOLTEROL 75MG/100MG [FRONT] SAP No. : Date : 11 September 2025		Artwork Type [Please Tick /] ☐ Unit Box ☐ Outer Box ☐ Label ☒ Leaflet ☐ Fix-A-Form ☐ Shipper Carton ☐ Aluminium Foil ☐ Sachet ☐ Others : _____ ☐ Generic Box		Sign / Stamp 															
Document Category [Please Tick /] ☒ RA/NPRA Artwork ☐ Internal Artwork Circulation ☐ Others : _____ ☐ Recirculation Artwork ☐ Previous Approved Artwork ☐ Approval Copy Artwork ☐ Draft Artwork ☐ Clean Copy		Pharmacode / QR Code / Others Info  <table border="1" style="margin-left: 20px; border-collapse: collapse;"> <thead> <tr> <th>Label</th> <th>Description</th> <th>Standard</th> </tr> </thead> <tbody> <tr> <td>W2</td> <td>Width of thin code bar</td> <td>0.35 mm</td> </tr> <tr> <td>X2</td> <td>Width of thick code bar</td> <td>1.0 mm</td> </tr> <tr> <td>Y2</td> <td>Gap between code bar</td> <td>0.65 mm</td> </tr> <tr> <td>Z2</td> <td>Height of code bar</td> <td>5.0 mm</td> </tr> </tbody> </table>			Label	Description	Standard	W2	Width of thin code bar	0.35 mm	X2	Width of thick code bar	1.0 mm	Y2	Gap between code bar	0.65 mm	Z2	Height of code bar	5.0 mm
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Remarks 1. Font : Arial Regular (Spacing - 4.8pt / Size - 4.5pt) 2. Dimension : 221mm(w) x 205mm(h)		Colour Black Colours shown on this proof are to indicate correct colour separations.																	

ZOLTEROL™ SR

100mg and 75mg Tablets

Antirheumatic, non-steroidal anti-inflammatory analgesic.

PRODUCT DESCRIPTION

Zolterol SR Tablet 100mg are pale pink, round, film coated tablet, plain on both sides.
Zolterol SR Tablet 75mg are pale pink, triangular tablet, film coated tablet, plain on both sides.

COMPOSITION

Zolterol 100mg SR Tablet - active ingredient: Diclofenac sodium 100mg.
Zolterol 75mg SR Tablet - active ingredient: Diclofenac sodium 75mg.

PHARMACOLOGICAL ACTION

Zolterol SR tablet contains diclofenac sodium, a non-steroidal compound with pronounced antirheumatic, anti-inflammatory, analgesic and antipyretic properties. Inhibition of prostaglandin biosynthesis, which has been demonstrated in experiments, is considered to be fundamental to its mechanism of action. Prostaglandins play an important role in causing inflammation, pain, and fever. Diclofenac sodium *in vitro* does not suppress proteoglycan synthesis in cartilage at concentrations equivalent to the concentrations reached in humans.

In rheumatic diseases, the anti-inflammatory and analgesic properties of diclofenac elicit a clinical response characterized by marked relief from signs and symptoms such as pain at rest, pain on movement, morning stiffness, and swelling of the joints, as well as by an improvement in function.

In post-traumatic and post-operative inflammatory conditions, diclofenac rapidly relieves both spontaneous pain and pain on movement and reduces inflammatory swelling and wound edema.

Zolterol 75 mg and 100 mg sustained-release tablets are particularly suitable for patients in whom a daily dose of 75 mg or 100 mg is to update as brand label (Voltaren) appropriate to the clinical picture. The possibility of prescribing the medicinal product in a single daily dose considerably simplifies long-term treatment and helps to avoid the possibility of dosage errors. Zolterol 75 mg sustained-release tablets also allow the maximum daily dose of 150 mg to be given in a balanced b.i.d. schedule.

PHARMACOKINETICS

Absorption

Judged by urinary recovery of unchanged diclofenac and its hydroxylated metabolites, the same amount of diclofenac is released and absorbed from diclofenac sustained-release tablets as from gastro-resistant tablets. However, the systemic availability of diclofenac from diclofenac sustained-release tablets is on average about 82% of that achieved with the same dose of diclofenac administered in the form of gastro-resistant tablets (possibly due to release-rate dependent "first-pass" metabolism). As a result of a slower release of the active substance from diclofenac sustained-release tablets, peak concentrations attained are lower than those observed following the administration of gastro-resistant tablets. Mean peak concentrations of 0.5 micrograms/mL or 0.4 micrograms/mL (1.6 or 1.25 micromol/L) are reached on average 4 hours after ingestion of a sustained-release tablet of 100 mg or 75 mg. Food has no clinically relevant influence on the absorption and systemic availability of diclofenac sustained-release tablets. On the other hand, mean plasma concentrations of 13 ng/mL (4.0 nmol/L) can be recorded at 24 hours (16 hours) after administration of diclofenac sustained-release tablets 100 mg (75 mg). Since about half of diclofenac is metabolized during its first passage through the liver ("first pass" effect), the area under the concentration curve (AUC) following oral or rectal administration is about half that following an equivalent parenteral dose. Trough concentrations are around 22 ng/mL or 25 ng/mL (7.0 nmol/L or 8.0 nmol/L) during treatment with diclofenac sustained-release tablets 100 mg once daily or 75 mg twice daily. Pharmacokinetic behaviour does not change after repeated administration. No accumulation occurs provided the recommended dosage intervals are observed.

Distribution

99.7% of diclofenac binds to serum proteins, mainly to albumin (99.4%). The apparent volume of distribution calculated is 0.12 to 0.17 L/kg. Diclofenac enters the synovial fluid, where maximum concentrations are measured 2 to 4 hours after peak plasma values have been reached. The apparent half-life for elimination from the synovial fluid is 3 to 6 hours. Two hours after reaching peak plasma levels, concentrations of the active substance are already higher in the synovial fluid than in the plasma, and they remain higher for up to 12 hours.

Biotransformation/metabolism

Biotransformation of diclofenac takes place partly by glucuronidation of the intact molecule, but mainly by single and multiple hydroxylation and methoxylation, resulting in several phenolic metabolites (3'-hydroxy-, 4'-hydroxy-, 5'-hydroxy-, 4',5'-dihydroxy-, and 3'-hydroxy-4'-methoxydiclofenac, most of which are converted to glucuronide conjugates. Two of these phenolic metabolites are biologically active, but to a much lesser extent than diclofenac.

Elimination

Total systemic clearance of diclofenac from plasma is 263 ± 56 mL/min (mean value ± SD). The terminal half-life in plasma is 1 to 2 hours. Four of the metabolites, including the two active ones, also have short plasma half-lives of 1 to 3 hours. One metabolite, 3'-hydroxy-4'-methoxydiclofenac, has a much longer plasma half-life. However, this metabolite is virtually inactive. About 60% of the administered dose is excreted in the urine as the glucuronide conjugate of the intact molecule and as metabolites, most of which are also converted to glucuronide conjugates. Less than 1% is excreted as unchanged substance. The rest of the dose is eliminated as metabolites through the bile in the faeces.

Linearity/non-linearity

The amount absorbed is linearly related to the dose strength

Special populations

Geriatric patients

No relevant age-dependent differences in the drug's absorption, metabolism, or excretion have been observed. However, in a few elderly patients a 15-minute intravenous infusion resulted in 50% higher plasma concentrations than expected from the data on young healthy subjects.

Renal impairment

In patients suffering from renal impairment, no accumulation of the unchanged active substance can be inferred from the single-dose kinetics when applying the usual dosage schedule. At a creatinine clearance of less than 10 mL/min, the calculated steady-state plasma levels of the hydroxy metabolites are about 4 times higher than in normal subjects. However, the metabolites are ultimately cleared through the bile.

Hepatic impairment

In patients with chronic hepatitis or non-decompensated cirrhosis, the kinetics and metabolism of diclofenac are the same as in patients without liver disease.

INDICATIONS

Zolterol SR tablet is indicated for the treatment of:

- Inflammatory and degenerative forms of rheumatism: rheumatoid arthritis, ankylosing spondylitis, osteoarthritis and spondylarthritides, painful syndromes of the vertebral column, non-articular rheumatism.
- Painful post-traumatic and post-operative inflammation and swelling.
- Primary dysmenorrhea.

RECOMMENDED DOSAGE, DOSAGE SCHEDULE AND ROUTE OF ADMINISTRATION

As general recommendation, the dose should be individually adjusted. Adverse effects may be minimized by using lowest effective dose for the shortest duration necessary to control symptoms (see section WARNINGS and PRECAUTIONS).

Method of administration

Zolterol SR tablet should be swallowed whole with liquid, preferably with meals. Do not crush or chew.

General target population

Adults

The recommended initial daily dose is 100 to 150 mg, administered as 1 tablet of Zolterol SR 100 mg or as 2 tablets of Zolterol SR 75 mg.

In milder cases, as well as for long-term therapy, 75 to 100 mg daily is usually sufficient. Where the symptoms are most pronounced during the night or in the morning, Zolterol SR 75 mg and 100 mg should preferably be taken in the evening.

Special populations

Renal impairment

Zolterol SR tablet is contraindicated in patients with renal failure (GFR <15 mL/min/1.73 m²) (see section CONTRAINDICATIONS). No specific studies have been carried out in patients with renal impairment, therefore, no specific dose adjustment recommendations can be made. Caution is advised when administering Zolterol SR tablet to patients with renal impairment (see section WARNINGS and PRECAUTIONS).

Hepatic impairment

Zolterol SR tablet is contraindicated in patients with hepatic failure (see section CONTRAINDICATIONS).

No specific studies have been carried out in patients with hepatic impairment, therefore, no specific dose adjustment recommendations can be made. Caution is advised when administering Zolterol SR tablet to patients with mild to moderate hepatic impairment (see section WARNINGS and PRECAUTIONS).

Paediatric patients

Due to the high dosage strength, Zolterol SR tablet is not recommended for children and adolescents below 18 years.

Geriatric patients (65 years of age or above)

No adjustment of the starting dose is generally required for elderly patients. However, caution is indicated on basic medical grounds, especially for frail elderly patients or those with a low body weight (see section WARNINGS and PRECAUTIONS).

Established cardiovascular disease or significant cardiovascular risk factors

Treatment with diclofenac is generally not recommended in patients with established cardiovascular disease (congestive heart failure, established ischemic heart disease, peripheral arterial disease) or uncontrolled hypertension. If needed, patients with established cardiovascular disease, uncontrolled hypertension, or significant risk factors for cardiovascular disease (e.g. hypertension, hyperlipidaemia, diabetes mellitus and smoking) should be treated with diclofenac only after careful consideration and only at doses ≤100 mg daily if treated for more than 4 weeks (see section WARNINGS and PRECAUTIONS).

CONTRAINDICATIONS

Zolterol SR tablet is contraindicated in patients with

