Tramadol 100 SR Biotech & Tramadol 200 SR Biotech

Tradolacet 100 SR & Tradolacet 200 SR

Sustained-release tablets

Each tablet contains 100 mg or 200 mg tramadol

hydrochloride respectively

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SCHEDULING STATUS

S5

1. NAME OF THE MEDICINE

TRADOLACET 100 SR

TRADOLACET 200 SR

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

TRADOLACET 100 SR: each sustained-release tablet contains 100 mg tramadol hydrochloride.

TRADOLACET 200 SR: each sustained-release tablet contains 200 mg tramadol hydrochloride.

TRADOLACET 100 SR: tablets contain sugar (36 mg lactose monohydrate per tablet).

TRADOLACET 200 SR: tablets contain sugar (20 mg lactose monohydrate per tablet).

For the full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

Sustained-release tablets.

TRADOLACET 100 SR tablets are white to off white round, biconvex film-coated tablets with "100" embossed on one side and plain on other side.

TRADOLACET 200 SR tablets are light orange to light pink, round, biconvex film-coated tablets with "200" embossed on one side and plain on other side.

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4. CLINICAL PARTICULARS

4.1 Therapeutic indications

Management of moderate to severe pain.

4.2 Posology and method of administration

The dosage should be adjusted to the intensity of pain and the sensitivity of the individual patient.

Adults and children over 12 years:

The usual initial dose is 100 mg twice daily, to be taken whole, not divided or chewed, with sufficient liquid, with or without meals, preferably mornings and evenings. If pain relief is not adequate, the dose may be increased to 200 mg twice daily.

A total daily dose of 400 mg TRADOLACET SR should not be exceeded.

Dosage intervals can be adjusted to individual requirements but should be at least 8 hours. The lowest analysesically effective dose should generally be selected.

Special populations

Children:

On account of the dosage strength, TRADOLACET SR is not recommended for children below the age of 12 years.

Elderly:

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A downward adjustment of the dose and/or prolongation of the interval between doses are recommended in the

elderly (over 75 years).

Renal Insufficiency/Dialysis:

In patients with renal insufficiency the elimination of tramadol hydrochloride is delayed. In these patients,

prolongation of the dosage intervals should be carefully considered according to the patient's requirements. In cases

of severe renal insufficiency TRADOLACET SR tablets are not recommended.

Patients with hepatic impairment:

In patients with hepatic insufficiency the elimination of tramadol hydrochloride is delayed. In these patients,

prolongation of the dosage intervals should be carefully considered according to the patient's requirements. In cases

of severe hepatic insufficiency TRADOLACET SR tablets are not recommended.

Duration of treatment:

Under no circumstances should TRADOLACET SR be given for longer than absolutely necessary. If the nature

and severity of the disease requires long-term pain treatment, careful checks should be carried out initially and at

regular intervals to assess efficacy and adverse events, and to what extent further treatment with TRADOLACET

SR is necessary.

Method of administration

For oral use.

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4.3 Contraindications

Known hypersensitivity to tramadol hydrochloride or opioids or to any of the excipients listed in section 6.1.

In acute intoxication with alcohol, hypnotics, analgesics, opioids or psychotropic medicines.

It should not be administered to patients who are receiving monoamine oxidase (MAO) inhibitors or within

two weeks of their withdrawal.

TRADOLACET SR should not be given to patients with epilepsy.

TRADOLACET SR must not be used for narcotic withdrawal treatment.

TRADOLACET SR should not be given to patients with respiratory depression, or in the presence of cyanosis

and excessive bronchial secretions.

TRADOLACET SR should not be given to patients with increased intracranial pressure or central nervous

depression due to head injury or cerebral disease.

TRADOLACET SR should not be used in pregnant and breastfeeding women (see section 4.6).

All children younger than 12 years of age (see section 4.4).

Postoperative management in children younger than 18 years of age following tonsillectomy and/or

adenoidectomy.

4.4 Special warnings and precautions for use

TRADOLACET SR should not be used in opioid-dependent patients, patients with head injury, shock, a reduced

level of consciousness of uncertain origin, disorders of the respiratory centre or function, increased intracranial

pressure (see section 4.3).

In patients sensitive to opiates TRADOLACET SR should only be used with caution.

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Respiratory depression may develop if the recommended dosages are exceeded, or other centrally depressant

medicines are given concomitantly (see section 4.5).

Concomitant use of tramadol and sedating medicines such as benzodiazepines or related substances, may result in

sedation, respiratory depression, coma and death. Because of these risks, concomitant prescribing with these

sedating medicines should be reserved for patients for whom alternative treatment options are not possible. If a

decision is made to prescribe tramadol concomitantly with sedating medicines, the lowest effective dose of

tramadol such as TRADOLACET SR should be used, and the duration of the concomitant treatment should be as

short as possible.

The patients should be monitored closely for signs and symptoms of respiratory depression and sedation. It is

strongly recommended that patients and their caregivers are informed to be aware of these symptoms (see section

4.5).

TRADOLACET SR should not be used in the treatment of minor pain.

TRADOLACET SR should be used with caution in patients with impairment of hepatic and renal function and in

patients prone to convulsive disorders or in shock (see section 4.2).

Convulsions have been reported in patients receiving tramadol at the recommended dose levels. The risk may be

increased when doses of TRADOLACET SR exceed the recommended upper daily dose limit (400 mg) or in

patients taking tricyclic anti-depressants or other tricyclic compounds e.g., promethazine, selective serotonin re-

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uptake inhibitors, MAO-inhibitors and neuroleptics. The risk of seizures may also be increased in patients with

epilepsy; with a history of seizures or in patients with a recognised risk for seizures e.g., drug and alcohol

withdrawal, intracranial infections, head trauma, metabolic disorders and naloxone administration with

TRADOLACET SR overdose.

Tolerance, psychic and physical dependence may develop, especially after long-term use. TRADOLACET SR can

reinstate physical dependence in patients that have been previously dependent or chronically using other opioids.

In patients with a tendency to drug abuse, a history of drug dependence or who are chronically using opioids,

treatment with TRADOLACET SR is not recommended.

A comprehensive patient history should be taken to document concomitant medications, including over-the-counter

medicines and medicines obtained on-line, and past and present medical and psychiatric conditions.

Patients may find that treatment is less effective with chronic use and express a need to increase the dose to obtain

the same level of pain control as initially experienced. Patients may also supplement their treatment with additional

pain relievers. These could be signs that the patient is developing tolerance.

The risks of developing tolerance should be explained to the patient.

Overuse or misuse may result in overdose and/or death. It is important that patients only use medicines that are

prescribed for them at the dose they have been prescribed and do not give this medicine to anyone else.

Patients should be closely monitored for signs of misuse, abuse, or addiction. The clinical need for analgesic

treatment should be reviewed regularly.

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When a patient no longer requires therapy with TRADOLACET SR, it may be advisable to taper the dose gradually

to prevent symptoms of withdrawal. Symptoms of withdrawal syndrome similar to those occurring during opiate

withdrawal, may occur as follows: agitation, anxiety, nervousness, insomnia, hyperkinesia, tremor and gastro-

intestinal symptoms.

Other symptoms that have been seen with tramadol discontinuation include panic attacks, severe anxiety,

hallucinations, paraesthesia, tinnitus and unusual central nervous system (CNS) symptoms (i.e., confusion,

delusions, depersonalisation, derealisation, paranoia).

Opioid induced hyperalgesia

Opioid induced hyperalgesia (OIH) is a paradoxical response to an opioid in which there is an increase in pain

perception despite stable or increased opioid exposure. It differs from tolerance, in which higher opioid doses are

required to achieve the same analgesic effect or treat recurring pain. OIH may manifest as increased levels of pain,

more generalised pain (i.e., less focal), or pain from ordinary (i.e., non-painful) stimuli (allodynia) with no evidence

of disease progression. When OIH is suspected, the dose of opioid should be reduced or tapered off, if possible.

CYP2D6 metabolism

Tramadol, as contained in TRADOLACET SR, is metabolised by the liver enzyme CYP2D6. If a patient has a

deficiency or is completely lacking this enzyme an adequate analgesic effect may not be obtained. However, if the

patient is an ultra-rapid metaboliser there is a risk of developing side effects of opioid toxicity even at commonly

prescribed doses.

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General symptoms of opioid toxicity include confusion, somnolence, shallow breathing, small pupils, nausea,

vomiting, constipation and lack of appetite. In severe cases this may include symptoms of circulatory and

respiratory depression, which may be life-threatening and very rarely fatal.

Hyponatraemia

Hyponatraemia has been reported with the use of tramadol, usually in patients with predisposing risk factors, such

as elderly patients and/or patients using concomitant medications that may cause hyponatraemia. This

hyponatraemia appeared to be the result of the syndrome of inappropriate antidiuretic hormone secretion (SIADH)

and resolved with discontinuation of tramadol and appropriate treatment (e.g., fluid restriction). During

TRADOLACET SR treatment, monitoring for signs and symptoms of hyponatraemia is recommended for patients

with predisposing risk factors.

Sleep-related breathing disorders

Opioids can cause sleep-related breathing disorders including central sleep apnoea (CSA) and sleep-related

hypoxemia. Opioid use increases the risk of CSA in a dose dependent fashion. In patients who present with CSA,

consider decreasing the total opioid dosage.

Serotonin syndrome

Serotonin syndrome, a potentially life-threatening condition, has been reported in patients receiving tramadol in

combination with other serotonergic medicines or tramadol alone (see sections 4.5, 4.8 and 4.9).

If concomitant treatment with other serotonergic medicines is clinically warranted, careful observation of the

patient is advised, particularly during treatment initiation and dose escalations.

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Symptoms of serotonin syndrome may include mental status changes, autonomic instability, neuromuscular

abnormalities and/or gastrointestinal symptoms. Serotonin syndrome is likely when one of the following is

observed:

Spontaneous clonus: Inducible or ocular clonus with agitation or diaphoresis

Tremor and hyperreflexia: Hypertonia and body temperature > 38 °C and inducible or ocular clonus.

If serotonin syndrome is suspected, a dose reduction or discontinuation of therapy should be considered depending

on the severity of the symptoms. Withdrawal of the serotonergic medicines usually brings about a rapid

improvement.

Adrenal insufficiency

Opioid analgesics may occasionally cause reversible adrenal insufficiency requiring monitoring and glucocorticoid

replacement therapy. Symptoms of acute or chronic adrenal insufficiency may include e.g., severe abdominal pain,

nausea and vomiting, low blood pressure, extreme fatigue, decreased appetite, and weight loss.

Paediatric population

TRADOLACET SR is not suitable for children under 12 years of age.

Post-operative use in children

There have been reports in the published literature that tramadol as contained in TRADOLACET SR given post-

operatively in children after tonsillectomy and/or adenoidectomy for obstructive sleep apnoea, led to rare, but life-

threatening adverse events. TRADOLACET SR should not be administered to children younger than 18 years of

age following tonsillectomy and/or adenoidectomy (see section 4.3).

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Children with compromised respiratory function

TRADOLACET SR is not recommended for use in children in whom respiratory function might be compromised

including neuromuscular disorders, severe cardiac or respiratory conditions, upper respiratory or lung infections,

multiple trauma or extensive surgical procedures. These factors may worsen symptoms of opioid toxicity.

TRADOLACET SR contains lactose. Patients with rare hereditary problems of galactose intolerance, total lactase

deficiency or glucose-galactose malabsorption should not take TRADOLACET SR.

4.5 Interaction with other medicines and other forms of interaction

TRADOLACET SR should not be combined with MAO inhibitors within 14 days of withdrawal of MAO inhibitors

(see section 4.3).

In patients treated with MAO inhibitors in the 14 days prior to the use of the opioid pethidine, life-threatening

interactions on the central nervous system, respiratory and cardiovascular function have been observed. The same

interactions with MAO inhibitors cannot be ruled out during treatment with TRADOLACET SR.

Concomitant administration of TRADOLACET SR with other centrally depressant medicines including alcohol

may potentiate the central nervous system effects (see section 4.3).

The concomitant use of opioids with sedating medicines such as benzodiazepines or related substances increases

the risk of sedation, respiratory depression, coma and death because of additive CNS depressant effect. The dose

of tramadol and the duration of the concomitant use should be limited (see section 4.4).

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The results of pharmacokinetic studies have so far shown that on the concomitant or previous administration of

cimetidine (enzyme inhibitor) clinically relevant interactions are unlikely to occur. Simultaneous or previous

administration of carbamazepine (enzyme inducer) may reduce the analgesic effect and shorten the duration of

action.

TRADOLACET SR can induce convulsions and increase the potential for selective serotonin reuptake inhibitors

(SSRIs), serotonin-norepinephrine reuptake inhibitors (SNRIs), tricyclic antidepressants, antipsychotics and other

seizure threshold-lowering medicine (such as bupropion, mirtazapine, tetrahydrocannabinol) to cause convulsions.

Concomitant therapeutic use of TRADOLACET SR and serotonergic medicines, such as selective serotonin

reuptake inhibitors (SSRIs), serotonin-norepinephrine reuptake inhibitors (SNRIs), MAO inhibitors (see section

4.3), tricyclic antidepressants and mirtazapine may cause serotonin toxicity.

Serotonin syndrome is likely when one of the following is observed:

Spontaneous clonus

Inducible or ocular clonus with agitation or diaphoresis

Tremor and hyperreflexia

Hypertonia and body temperature > 38 °C and inducible ocular clonus.

Withdrawal of the serotonergic medicines usually brings about a rapid improvement. Treatment depends on the

type and severity of the symptoms.

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Caution should be exercised during concomitant treatment with TRADOLACET SR and warfarin-like medicines

due to reports of increased INR with major bleeding and ecchymoses in some patients.

Other active substances known to inhibit CYP3A4, such as ketoconazole and erythromycin, might inhibit the

metabolism of tramadol (N-demethylation) probably also the metabolism of the active O-demethylated metabolite.

The clinical importance of such an interaction has not been studied (see section 4.8).

The antiemetic 5-HT3 antagonist ondansetron increased the requirement of tramadol in patients with postoperative

pain. TRADOLACET SR may decrease the antiemetic efficacy of ondansetron.

4.6 Fertility, pregnancy and lactation

Women of child-bearing potential/ Contraception in males and females

Patients of child-bearing potential should be advised to use effective contraception while on treatment.

Pregnancy

Safety during pregnancy and lactation has not been established, therefore TRADOLACET SR tablets should not

be used in pregnant women. Tramadol crosses the placenta. Animal studies with tramadol revealed effects on organ

development, ossification and neonatal mortality.

The repeated administration of TRADOLACET SR tablets during pregnancy may lead to habituation in the unborn

child. The child may experience withdrawal symptoms after birth (see section 4.3).

Breastfeeding

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Tramadol as contained in TRADOLACET SR passes into breastmilk. Mothers on TRADOLACET SR tablets

should not breastfeed their infants.

Fertility

Post marketing surveillance does not suggest an effect of tramadol on fertility. Animal studies did not show an

effect of tramadol on fertility.

4.7 Effects on ability to drive and use machines

TRADOLACET SR may cause effects such as somnolence and dizziness and therefore may impair the reactions

of drivers and machine operators. This applies particularly in conjunction with other psychotropic substances,

particularly alcohol.

4.8 Undesirable effects

a. Summary of the safety profile

The most frequently reported adverse reaction during treatment with tramadol are nausea and dizziness.

b. Tabulated summary of adverse reactions

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System organ class	Frequency
Immune system disorders	Less frequent
	Allergic reactions (e.g., dyspnoea, bronchospasm, wheezing,
	angioneurotic oedema) and anaphylaxis
Metabolism and nutrition disorders	Less frequent
	Changes in appetite
	Frequency unknown
	Hypoglycaemia, hyponatraemia, Syndrome of inappropriate
	antidiuretic hormone secretion (SIADH)
Psychiatric disorders	Less frequent
	Hallucinations, confusion, sleep disturbance, delirium, anxiety and
	nightmares. Psychic adverse reactions may occur following
	administration of TRADOLACET SR which vary individually in
	intensity and nature (depending on personality and duration of
	treatment). These include changes in mood (usually elation,
	occasionally dysphoria), changes in activity (usually suppression,
	occasionally increase) and changes in cognitive and sensorial
	capacity (e.g., decision behaviour, perception disorders).
	Frequency unknown
	Drug dependence may occur.
Nervous system disorders	Frequent
	Dizziness, headache, somnolence

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	Less frequent
	Speech disorders, paraesthesia, tremor, epileptiform convulsions*,
	involuntary muscle contractions, abnormal coordination, syncope
	Frequency unknown
	Serotonin syndrome
Eye disorders	Less frequent
	Miosis, mydriasis, blurred vision
Cardiac disorders	Less frequent
	Dysrhythmias, palpitation, tachycardia, bradycardia
Vascular disorders	Less frequent
	Postural hypotension, cardiovascular collapse, increase in blood
	pressure
Respiratory, thoracic and mediastinal	Less frequent
disorders	Dyspnoea, respiratory depression, bronchospasm
	Frequency unknown
	Hiccups, worsening of asthma
Gastrointestinal disorders	Frequent
	Nausea, constipation, dry mouth, vomiting
	Less frequent
	Retching; gastrointestinal discomfort (a feeling of pressure in the
	stomach, bloating), diarrhoea

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Hepato-biliary disorders	Less frequent
	Increase in transaminases (ALT and AST) is expected
Skin and subcutaneous tissue	Frequent
disorders	Hyperhidrosis
	Less frequent
	Dermal reactions (e.g., pruritus, rash, urticaria)
	Frequency unknown
	Stevens Johnson Syndrome, toxic epidermal necrolysis
Musculoskeletal, connective tissue and	Less frequent
bone disorders	Muscular weakness
Renal and urinary disorders	Less frequent
	Micturition disorders (dysuria and urinary retention)
General disorders and administration	Frequent
site conditions	Fatigue
	Less frequent
	Drug withdrawal syndrome

^{*} Convulsions occurred mainly after administration of high doses of tramadol or after concomitant treatment with medicines which can lower the seizure threshold (see sections 4.4 and 4.5).

Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorisation of the medicine is important. It allows continued monitoring of the benefit/risk balance of the medicine. Healthcare providers are asked to report any suspected

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adverse reactions to SAHPRA via the "6.04 Adverse Drug Reaction Reporting Form", found online under

SAHPRA's publications: https://www.sahpra.org.za/Publications/Index/8

4.9 Overdose

Symptoms

Following an overdose with TRADOLACET SR, symptoms similar to those of other centrally acting analgesics

(opioids) are to be expected. These include in particular constriction of the pupil of the eye, vomiting,

cardiovascular collapse, consciousness disorders, coma, convulsions, respiratory depression and respiratory arrest.

Treatment

The general emergency measures apply. Keep open the respiratory tract, prevent aspiration, maintain respiration

and circulation depending on the symptoms. Suitable measures should be taken to avoid aspiration dangers.

Respiratory depression can be antagonised with a pure opiate antagonist (naloxone).

Convulsions should be treated with intravenous diazepam.

In cases of overdosage with oral formulations, gastrointestinal-decontamination with activated charcoal is only

recommended within 2 hours after TRADOLACET SR intake. Gastrointestinal decontamination at a later time

point may be useful in case of overdosage with exceptionally large quantities.

Tramadol is minimally eliminated from the serum by haemodialysis or haemofiltration. Therefore, treatment of

acute intoxication with TRADOLACET SR with haemodialysis or haemofiltration alone is not suitable for

detoxification.

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5. PHARMACOLOGICAL PROPERTIES

5.1 Pharmacodynamic properties

Category and class: A.2.9 Other analgesics

Pharmacotherapeutic group: other opioids; ATC code: N02 AX02

Mechanism of action

Tramadol is a centrally acting opioid analgesic. It is a non-selective pure agonist at μ , δ and κ opioid receptors with

a higher affinity for the μ receptor. Other mechanisms which contribute to its analgesic effect are inhibition of

neuronal reuptake of noradrenaline and enhancement of serotonin release.

Tramadol has an antitussive effect. In contrast to morphine, analgesic doses of tramadol over a wide range have no

respiratory depressant effect. Also, gastrointestinal motility is less affected. Effects on the cardiovascular system

tend to be slight. The potency of tramadol is reported to be 1/10 (one tenth) to 1/6 (one sixth) that of morphine.

Paediatric population

Effects of enteral and parenteral administration of tramadol have been investigated in clinical trials involving

paediatric patients ranging in age from neonate to 17 years of age. The indications for pain treatment studied in

those trials included pain after surgery (mainly abdominal), after surgical tooth extractions, due to fractures, burns

and traumas as well as other painful conditions likely to require analgesic treatment for at least 7 days.

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At single doses of up to 2 mg/kg or multiple doses of up to 8 mg/kg per day (to a maximum of 400 mg per day)

efficacy of tramadol was confirmed. However, use of tramadol in children under 12 years is contraindicated (see

section 4.2 and 4.3).

5.2 Pharmacokinetic properties

Absorption:

More than 90 % of TRADOLACET SR is absorbed after oral administration. The mean absolute bioavailability is

approximately 70 %, irrespective of the concomitant intake of food. The difference between absorbed and non-

metabolised available tramadol is probably due to the low first-pass effect. The first-pass effect after oral

administration is a maximum of 30 %.

Distribution:

Tramadol has a high tissue affinity ($V_{d,\beta} = 203 + 40 l$). It has a plasma protein binding of about 20 %.

After administration of 100 mg of tramadol the peak plasma concentration $C_{max} = 141 + 40 \text{ ng/ml}$ is reached after

4,9 h. After administration of 200 mg tramadol C_{max} 260 + 62 ng/ml is reached after 4,8 hours.

Tramadol hydrochloride crosses the blood-brain and placental barrier. Small amounts are excreted in breast milk

unchanged or as the metabolite M1.

Elimination half-life $t_{1/2,\beta}$ is approximately 6 h, irrespective of the mode of administration. In patients above 75

years of age it may be prolonged by a factor of approximately 1,4.

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Biotransformation:

In humans, tramadol is mainly metabolised by means of N- and O-demethylation and conjugation of the O-

demethylation products with glucuronic acid. Only O-desmethyltramadol is pharmacologically active. There are

considerable interindividual quantitative differences between the other metabolites. So far, eleven metabolites have

been found in the urine. Animal experiments have shown that O-desmethyltramadol is more potent than the parent

substance by the factor 2 - 4. Its half-life $t_{1/2,\beta}$ is 7,9 h (range 5,4 – 9,6 h) and is approximately that of tramadol.

The inhibition of one or both types of the isoenzymes CYP3A4 and CYP2D6 involved in the biotransformation of

tramadol may affect the plasma concentration of tramadol or its active metabolite.

Elimination:

Tramadol hydrochloride and its metabolites are almost completely excreted by the renal route (95 %). Biliary

excretion of these components is quantitatively insignificant and is therefore subject to hepatic metabolism and

renal elimination. The terminal half-life ($t_{1/2}$ β) is prolonged in impaired hepatic or renal function. In patients with

cirrhosis of the liver, elimination half-lives of 13,3 + 4,9 h (tramadol) and 18,5 + 9,4 h (O-desmethyltramadol), in

an extreme case 22,3 h and 36 h respectively, have been determined. In patients with renal insufficiency (creatinine

clearance < 5 mL/min) the values were 11 + 3.2 h and 16.9 + 3 h, in an extreme case 19.5 h and 43.2 h respectively.

Linearity/non-linearity:

Tramadol has a linear pharmacokinetic profile within the therapeutic dosage range.

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The relationship between serum concentrations and the analgesic effect is dose-dependent but varies considerably in isolated cases. A serum concentration of 100 - 300 ng/ml is usually effective.

6. PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Tablet core

Colloidal anhydrous silica

Hypromellose

Isopropyl Alcohol

Lactose monohydrate

Magnesium stearate

Microcrystalline Cellulose

Tablet coating

Hypromellose

Macrogol 6 000

Talc

Titanium dioxide E171

Additionally for the TRADOLACET 200 SR:

Colour Quinoline Yellow E104

Ferric Oxide Red E172

6.2 Incompatibilities

Tramadol 100 SR Biotech & Tramadol 200 SR Biotech

Tradolacet 100 SR & Tradolacet 200 SR

Sustained-release tablets

Each tablet contains 100 mg or 200 mg tramadol

hydrochloride respectively

1.3.1.1 Proposed Professional Information

Version: 0003 Response to CEQ letter

Date of submission: 31 August 2023

Not applicable.

6.3 Shelf life

2 years

6.4 Special precautions for storage

Store in a cool, dry place. Store at or below 25 °C.

Keep in the blisters until required for use.

6.5 Nature and contents of container

TRADOLACET SR tablets are packed in white opaque PVC (250 µ) / Aluminium (0,025 mm) blisters of 10 tablets.

The blisters are then packaged in an outer carton containing 30 or 60 tablets.

6.6 Special precautions for disposal

No special requirements.

7. HOLDER OF CERTIFICATE OF REGISTRATION

Biotech Laboratories (Pty) Ltd

Block K West

Central Park

400 16th Road

Halfway House

Biotech Laboratories (Pty) Ltd Tramadol 100 SR Biotech & Tramadol 200 SR Biotech Tradolacet 100 SR & Tradolacet 200 SR Sustained-release tablets Each tablet contains 100 mg or 200 mg tramadol hydrochloride respectively

Version: 0003 Response to CEQ letter 1.3.1.1 Proposed Professional Information

Date of submission: 31 August 2023

Midrand

1685

South Africa

8. REGISTRATION NUMBER(S)

To be allocated by SAHPRA upon registration.

9. DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

To be allocated by SAHPRA upon registration

10. DATE OF REVISION OF THE TEXT