

NEW ZEALAND DATA SHEET

1. PRODUCT NAME

Zopiclone Actavis, 3.75 mg, film coated tablet

Zopiclone Actavis, 7.5 mg, film coated tablet

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Each tablet contains 3.75 mg or 7.5 mg of zopiclone.

Excipient with known effect: lactose.

For the full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

Zopiclone Actavis 3.75 mg tablets are blue coloured, round biconvex film coated tablets, plain on both sides.

Zopiclone Actavis 7.5 mg tablets are white to off-white, oval shaped film coated tablets with breakline on one side and plain on the other side.

4. CLINICAL PARTICULARS

4.1 Therapeutic indications

Short-term treatment of insomnia in adults (7-14 days).

4.2 Dose and method of administration

Dose

Use the lowest effective dose for short term treatment (7-14 days). Extension beyond the maximum treatment period should not take place without re-evaluation of the patient's status, since the risk of abuse and dependence increases with the duration of treatment.

Zopiclone Actavis should be taken in a single intake and not be readministered during the same night.

Adults

7.5 mg by oral administration shortly before retiring. This dose should not be exceeded. Extension beyond the maximum treatment period should not take place without re-evaluation of the patient's status, since the risk of abuse and dependence increases with the duration of the treatment. Depending on clinical response, the dose may be lowered to 3.75 mg.

Zopiclone is for short term treatment (7-14 days). See section 4.4 Special warnings and precautions for use – Dependence for advice of gradual dose decrease after prolonged use.

Special populations

Elderly Patients

In the elderly and/or debilitated patient an initial dose of 3.75 mg is recommended. The dose may be increased to a maximum of 7.5 mg if the starting dose does not offer adequate therapeutic effect, but in clinical trials, 25% of elderly patients treated with zopiclone experienced CNS side-effects at the higher dose. Zopiclone should be used with caution in these patients. (see section 4.4 Special warnings and precautions for use).

Paediatric Population

Zopiclone is contraindicated in children. Dosage has not been established.

Hepatic Insufficiency

The recommended dose is 3.75 mg depending on acceptability and efficacy. Up to 7.5 mg may be used with caution in appropriate cases.

Renal insufficiency

Although no accumulation of zopiclone or of its metabolites has been detected in cases of renal insufficiency, it is recommended that patients with impaired renal function should start treatment with 3.75 mg.

Treatment should be as short as possible and should not exceed four weeks including the period of tapering off. Extension beyond the maximum treatment period should not take place without re-evaluation of the patient's status. The product should be taken just before retiring for the night.

Alternative Therapy

For long term treatment of insomnia, alternative non-pharmacological methods should be considered. Effective practical management of insomnia must respond to the presenting characteristics of the complaint. Giving accurate information is a form of treatment; there is benefit in discussing some simple facts with the patient and relating them to the problem, thereby assisting the patient to place the sleep problem in its context. Sleep hygiene such as reduction of caffeine intake, should be exercised. Programmes designed to establish an optimal sleeping pattern for the patient may also be useful as are relaxation techniques designed to assist the patient deal with tension and intrusive thoughts in bed.

Method of administration

For oral use only.

4.3 Contraindications

Patients with known hypersensitivity to zopiclone or any of the excipients.

Prior or concomitant use of alcohol.

Myasthenia gravis.

Severe impairments of respiratory function.

Acute cerebrovascular accident.

Sleep apnoea syndrome.

Severe hepatic insufficiency.

Patients who previously experienced complex sleep behaviours after taking zopiclone.

Zopiclone is contraindicated in children.

4.4 Special warnings and precautions for use

Prolonged use of hypnotics is not recommended especially in the elderly.

The cause of insomnia should be identified wherever possible and the underlying factors treated before a hypnotic is prescribed.

Dependence

Zopiclone should be prescribed for short periods only (7 – 14 days). Continuous long term use is not recommended. Use of zopiclone may lead to the development of physical and psychological dependence and/or abuse. It is therefore recommended that if physical dependence is suspected the dose should be decreased gradually and the patient advised about such a possibility (see section 4.8 Undesirable effects).

The risk of dependence increases with dose and duration of treatment. Cases of dependence have been reported more frequently in patients treated with zopiclone for longer than 4 weeks. The risk of abuse and dependence is also greater in patients with a history of psychiatric disorders and/or alcohol or drug abuse. Zopiclone should be used with extreme caution in patients with current or a history of alcohol or drug abuse.

Once physical dependence has developed, abrupt termination of treatment will be accompanied by withdrawal symptoms (see section 4.8 Undesirable effects).

Rebound insomnia

A transient syndrome whereby the symptoms that led to treatment with sedative-hypnotic agents recur in an enhanced form, may occur on withdrawal of hypnotic treatment. It may be accompanied by other reactions including mood changes, anxiety and restlessness. Since the risk of such phenomena is greater after abrupt discontinuation of zopiclone, especially in patients with physical dependence, it is therefore recommended to decrease the dosage gradually and to advise the patient accordingly (see section 4.8 Undesirable effects).

Amnesia

Anterograde amnesia may occur, specially when sleep is interrupted or when retiring to bed is delayed after the intake of the tablet.

To reduce the possibility of anterograde amnesia, patients should ensure that:

- they take the tablet strictly when retiring for the night
- they are able to have a full night sleep.

Other Psychiatric and Paradoxical Reactions

Other psychiatric and paradoxical reactions have been reported (see section 4.8 Undesirable effects) like restlessness, agitation, irritability, aggression, delusion, anger, nightmares, hallucinations, abnormal behaviour, delirium and other adverse behavioural effects are known to occur when using sedative/hypnotic agents like zopiclone. Should this occur, use of zopiclone should be discontinued. These reactions are more likely to occur in the elderly.

Depression, Suicidality, Psychosis and Schizophrenia

Several epidemiological studies show an increased incidence of suicide and suicide attempt in patients with or without depression, treated with benzodiazepines and other hypnotics, including zopiclone. A causal relationship has not been established. Patients should be closely monitored for any signs or symptoms of psychiatric disorders. Patients should be advised to go to the emergency department at their nearest hospital if they notice they are becoming depressed, have suicidal thoughts or are experiencing a change in their behaviour. Patients may wish to consider asking a family member or close friend to help them stay alert to signs of depression or behavioural changes.

As with other sedative/hypnotics drugs, zopiclone should be administered with caution in patients exhibiting symptoms of depression. Suicidal tendencies may be present, therefore the lowest possible quantity of zopiclone should be supplied to these patients to reduce the risk of intentional overdosage by the patients. Pre-existing depression may be unmasked during use of zopiclone. Since insomnia may be a symptom of depression, the patient should be re-evaluated if insomnia persists.

Somnambulism and Associated Behaviours

Complex sleep behaviours, including sleep-walking, sleep-driving, and engaging in other activities while not fully awake, may occur following the first or any subsequent use of zopiclone. Patients can be seriously injured or injure others during complex sleep behaviours. Such injuries may be fatal. Other complex sleep behaviours (e.g., preparing and eating food, making phone calls, or having sex with amnesia for the event) have also been reported. Patients usually do not remember these events.

Postmarketing reports have shown that complex sleep behaviours may occur with zopiclone alone at recommended doses, with or without the concomitant use of alcohol or other central nervous system (CNS) depressants (See Section 4.5 Interactions with other medicines and other forms of interactions). Discontinue zopiclone immediately if a patient experiences a complex sleep behaviour. (See Section 4.3 Contraindications).

Epilepsy

Patients with a history of seizures should not be abruptly withdrawn from any CNS depressant drug, including zopiclone.

Severe Anaphylactic and Anaphylactoid Reactions

Rare cases of angioedema involving the tongue, glottis or larynx have been reported in patients after taking the first or subsequent doses of sedative-hypnotics, including zopiclone. Some patients have had additional symptoms such as dyspnoea, throat closing, or nausea and vomiting that suggest anaphylaxis. Some patients have required medical therapy in the emergency department. If angioedema involves the tongue, glottis or larynx, airway obstruction may occur and be fatal. Patients who develop angioedema after treatment with zopiclone should not be rechallenged with the drug.

Hepatic Insufficiency

In patients with severe hepatic insufficiency (serum albumin less than 30 g/l or presence of gross oedema), the elimination of zopiclone may be significantly reduced. Treatment should be initiated on a dose of 3.75 mg and if necessary, may be increased to 7.5 mg.

Renal Insufficiency

Zopiclone is removed by dialysis.

Respiratory Insufficiency

Caution should be exercised in treating patients with chronic respiratory insufficiency. Treatment should be initiated on a dose of 3.75 mg and if necessary, should be carried out at 7.5 mg. As hypnotics have the capacity to depress respiratory drive, precautions should be observed if zopiclone is prescribed to patients with compromised respiratory function.

Hormonal Systems

Treatment of rats with zopiclone increases hepatic thyroid hormone metabolism of T₄, resulting in increases in TSH and T₃ levels, and decreases in T₄ levels. It is suggested that zopiclone not be administered to individuals with impaired thyroid hormone homeostatic mechanisms or with conditions linked to hormonal imbalances.

Psychomotor impairment

The risk of psychomotor impairment, including impaired driving ability, is increased if:

- zopiclone is taken within 12 hours of performing activities that require mental alertness;
- a higher dose than recommended is taken; or
- zopiclone is co-administered with other CNS depressants, alcohol, or with other drugs that increase the blood levels of zopiclone.

Patients should be cautioned against engaging in hazardous occupations requiring complete mental alertness or motor coordination such as operating machinery or driving a motor vehicle following administration of zopiclone and in particular during the 12 hours following that administration.

Risks from Concomitant Use with Opioids

Concomitant use of opioids with benzodiazepines or other sedative-hypnotic drugs, including zopiclone, may result in sedation, respiratory depression, coma and death. Because of these risks,

reserve concomitant prescribing of opioids and benzodiazepines for use in patients for whom alternate options are inadequate.

If a decision is made to prescribe zopiclone concomitantly with opioids, prescribe the lowest effective dosages and minimum durations of concomitant use, and follow patients closely for signs and symptoms of respiratory depression and sedation (see section 4.5 Interaction with other medicines and other forms of interaction).

Abuse

Caution must be exercised in administering zopiclone to individuals known to be addiction prone or those whose history suggests they may increase the dosage on their own initiative.

Chemical submission (Drug facilitated illicit use for criminal intent)

The rapid onset of sedation, coupled with the amnesic features of zopiclone, particularly when combined with alcohol, administered without knowledge of the victim, has proven to induce incapacitation and thus facilitate criminal actions (which could be dangerous).

Healthcare Providers should prescribe zopiclone according to their clinical evaluation and only in case of medical need as it may be used illicitly for chemical submission.

Haemolysis

Haemolysis/haemolytic anaemia have been reported in cases of zopiclone overdose (see section 4.9 Overdose).

Elderly Patients

Such patients may be particularly susceptible to the sedative effects of zopiclone and associated giddiness, ataxia and confusion, which may increase the possibility of a fall (see section 4.2 Dose and method of administration).

Use in Children

The safe and effective dose of zopiclone in children and adolescents under 18 years of age has not been established (see section 4.3 Contraindications).

4.5 Interaction with other medicines and other forms of interaction

Alcohol

Concomitant intake with alcohol is not recommended (see section 4.3 Contraindications). The sedative effect of zopiclone may be enhanced when the product is used in combination with alcohol.

CNS Depressants

Additive CNS depressant effects should be expected if zopiclone is administered concomitantly with other medications which themselves produce CNS depression, for example, barbiturates, benzodiazepines, alcohol, sedatives, tricyclic antidepressants and other antidepressants, non-selective MAO inhibitors, phenothiazines and other antipsychotics, skeletal muscle relaxants, antihistamines, narcotic analgesics, anaesthetics, neuroleptics, hypnotics, anxiolytics, antiepileptics (see section 4.4 Special warnings and precautions for use). In the case of narcotic analgesics, enhancement of euphoria may also occur leading to an increase in psychic dependence.

Opioids

The concomitant use of benzodiazepines and other sedative-hypnotic drugs, including zopiclone, and opioids increases the risk of sedation, respiratory depression, coma, and death because of additive CNS depressant effect. Limit dosage and duration of concomitant use of benzodiazepines and opioids (see section 4.4 Special warnings and precautions for use).

CYP450 inhibitors and inducers

Erythromycin has been reported to increase significantly zopiclone concentrations at 0.5 and 1 hour after ingestion of zopiclone. The total AUC of zopiclone increased by 80% in 10 healthy volunteers which indicates that erythromycin can inhibit the metabolism of drugs metabolised by CYP3A4. Accelerated absorption of zopiclone in the presence of erythromycin may lead to faster hypnotic effects.

Plasma levels of zopiclone may be increased when co-administered with CYP3A4 inhibitors such as erythromycin, clarithromycin, ketoconazole, itraconazole, and ritonavir.

Plasma levels of zopiclone may be decreased when co-administered with CYP3A4 inducers, such as rifampicin, carbamazepine, phenobarbital (phenobarbitone), phenytoin, and St. John's wort.

4.6 Fertility, pregnancy and lactation

Use in pregnancy (Category C)

Insufficient data are available on zopiclone to assess its safety during human pregnancy and lactation, therefore the use of zopiclone during pregnancy is not recommended. Studies in animals have not shown evidence of an increased occurrence of foetal damage. However, zopiclone has been shown to cross the placenta, and increase postnatal mortality in rats given 10 mg/kg/d and above. Although the significance of this for humans is not known, it is likely that zopiclone may be harmful to the neonate.

Cases of reduced foetal movement and foetal heart rate variability have been described after administration of benzodiazepines during the second and/or third trimester of pregnancy.

Administration of zopiclone during the late phase of pregnancy or during labour, has been associated with effects on the neonate, such as hypothermia, hypertonia, feeding difficulties and respiratory depression, due to the pharmacological action of the product.

Zopiclone is for short term treatment of insomnia (7-14 days). Infants born to mothers who took sedative/hypnotics agents chronically during the latter stages of pregnancy may have developed physical dependence and may be at some risk for developing withdrawal symptoms in the postnatal period. Appropriate monitoring of the newborn in the postnatal period is recommended.

If zopiclone is prescribed to a woman of childbearing potential, she should be warned to contact her physician regarding discontinuation of the product if she intends to become or suspects that she is pregnant.

Lactation

Zopiclone and/or its metabolites are excreted in breast milk so therefore use in nursing mothers is not recommended.

Fertility

Zopiclone has been shown to severely reduce fertility in male rats treated with 50 mg/kg/day or greater. The significance of this finding for humans is not known.

4.7 Effects on ability to drive and use machines

Because of its pharmacological properties, zopiclone may adversely affect the ability to drive or to use machines. The risk is increased by concomitant intake of alcohol (see section 4.4 Special warnings and precautions for use).

As with all patients taking CNS depressant medications, patients receiving zopiclone should be warned not to operate dangerous machinery or motor vehicles until it is known that they do not become drowsy after zopiclone therapy. Abilities may be impaired on the day following use. It has been reported that the risk that zopiclone adversely affects driving ability is increased by concomitant intake of alcohol. Therefore, driving is not recommended after the concomitant intake of zopiclone and alcohol.

The risk of psychomotor impairment, including impaired driving ability, is increased if:

- zopiclone is taken within 12 hours of performing activities that require mental alertness;
- a higher dose than recommended is taken; or
- zopiclone is co-administered with other CNS depressants, alcohol, or with other drugs that increase the blood levels of zopiclone.

Patients should be cautioned against engaging in hazardous occupations requiring complete mental alertness or motor coordination such as operating machinery or driving a motor vehicle following administration of zopiclone and in particular during the 12 hours following that administration.

4.8 Undesirable effects

The side-effects most commonly seen in clinical trials is taste alteration (bitter taste).

More Common Reactions

Gastrointestinal: bitter taste, dry mouth

Nervous System: drowsiness, headaches, fatigue

Less Common Reactions

Cardiovascular: palpitations in elderly patients.

Eye disorders: blurred vision, diplopia

Gastrointestinal: heartburn, constipation, diarrhoea, nausea, coated tongue, bad breath, anorexia or increased appetite, vomiting, epigastric pains, dyspepsia.

Hepatobiliary disorders: mild to moderate increases in serum transaminases and/or alkaline phosphatase have been reported very rarely.

Immune system disorders: Angiodema and/or anaphylactic reactions have been reported very rarely.

Injury, poisoning and procedural complications: Falls, predominantly in elderly patients

Musculoskeletal and connective tissue disorders: muscular weakness

Nervous system: agitation, anxiety, loss of memory including retrograde amnesia, anterograde amnesia, confusion, dizziness, weakness, somnolence, asthenia, feeling of drunkenness, euphoria, depression, co-ordination abnormality, hypotonia, speech disorder, hallucinations (auditory and visual), behavioural disorders, aggression, tremor, rebound insomnia, muscle pain, nightmares, irritability, abnormal and/or inappropriate behaviour possibly associated with amnesia, complex sleep behaviours, including sleep walking (see section 4.4 Special warnings and precautions for use – Somnambulism and Associated Behaviours), restlessness, delirium, delusion, anger, dependence, ataxia, paresthesia, cognitive disorders such as memory impairment, disturbance in attention, speech disorder.

Withdrawal syndrome has been reported upon discontinuation (see section 4.4 Special warnings and precautions for use). Withdrawal symptoms vary and may include rebound insomnia, anxiety, tremor, sweating, agitation, confusion, headache, palpitations, tachycardia, delirium, nightmares, hallucinations, and irritability. In severe cases the following symptoms may occur: derealisation, depersonalisation, hyperacusis, numbness and tingling of the extremities, hypersensitivity to light, noise and physical contact, hallucinations. In very rare cases, seizures may occur.

Renal and urinary disorders: micturition

Reproductive: impotence, ejaculation failure, libido disorder.

Respiratory, Thoracic and Mediastinal Disorders: dyspnoea and respiratory depression have been reported.

Skin and subcutaneous tissue disorders: pruritus, rash, urticaria and tingling have been rarely reported.

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 professionals are asked to report any suspected adverse reactions <https://pophealth.my.site.com/carmreportnz/s/>.

4.9 Overdose

Overdose of zopiclone can be manifested by varying degrees of CNS depression ranging from drowsiness to coma according to the quantity ingested. In mild cases, symptoms include drowsiness, confusion, and lethargy. In more severe cases, symptoms may include ataxia, hypotonia, hypotension, methaemoglobinaemia, haemolysis/haemolytic anaemia, respiratory depression and coma. Overdosage could be life-threatening when combined with other CNS depressants, including alcohol. Other risk factors, such as the presence of concomitant illness and the debilitated state of the patient, may contribute to the severity of symptoms and very rarely can result in fatal outcome.

Treatment

Symptomatic and supportive treatment in adequate clinical environment is recommended, attention should be paid to respiratory and cardiovascular functions. Activated charcoal is only useful when performed soon after ingestion. Haemodialysis is of no value due to the large volume of distribution of zopiclone. Flumazenil may be useful as an antidote. As in the management of overdosage with any medication, it should be borne in mind that multiple agents may have been taken.

For risk assessment and advice on the management of overdose please contact the National Poisons Centre on 0800 POISON (0800 764766).

5. PHARMACOLOGICAL PROPERTIES

5.1 Pharmacodynamic properties

Pharmacotherapeutic group: Hypnotics and sedatives, ATC code: N05CF01

The chemical name for Zopiclone is 6-(5-chloro-2-pyridyl)-6,7-dihydro-7-oxo-5H-pyrrolo[3,4-b]pyrazin-5-yl 4-methylpiperazine-1-carboxylate

Molecular Formula	:	C ₁₇ H ₁₇ C ₁ N ₆ O ₃
Molecular Weight	:	388.8
CAS Number	:	43200-80-2

Zopiclone is a fine white or slightly cream crystalline powder with a melting point of 176-178^oC. It is practically insoluble in acetone, soluble in dimethyl formamide and 0.1N hydrochloric acid and freely soluble in chloroform and dichloromethane.

Zopiclone, a cyclopyrrolone derivative, is a short-acting hypnotic agent. Zopiclone belongs to a novel chemical class which is structurally unrelated to existing hypnotics. The pharmacological profile of zopiclone is similar to that of the benzodiazepines.

Mechanism of action

In sleep laboratory studies of 1 to 21 day duration in man, zopiclone reduced sleep latency, increased the duration of sleep and decreased the number of nocturnal awakenings. Zopiclone delayed the onset of REM sleep but did not reduce consistently the total duration of REM periods. The duration of stage 1 sleep was shortened, and the time spent in stage 2 sleep increased. In most studies, stage 3 and 4 sleep tended to be increased, but no change and actual decreases have also been observed. The effect of zopiclone on stage 3 and 4 sleep differs from that of the benzodiazepines which suppress slow wave sleep. The clinical significance of this finding is not known.

5.2 Pharmacokinetic properties

Absorption

Zopiclone is rapidly absorbed and distributed after oral administration, the time of maximum observed plasma concentration being about 1.75 hours.

Distribution & Metabolism

A study of 16 healthy volunteers receiving a single dose of 7.5 mg of zopiclone intravenously demonstrated the apparent volume of distribution of zopiclone to be $104 \pm 15.5L$. Autoradiographic studies in the rat showed rapid distribution into the blood and peak tissue levels at 0.5 hours in the liver, small intestines, stomach, kidneys and the adrenals. After twenty four hours the total residual radioactivity in the body of the rat was 8%.

The bioavailability of the 7.5 mg tablets in man is $76.3 \pm 9.6\%$, a hepatic first pass effect has been demonstrated. In fresh human plasma, zopiclone is approximately 45% protein bound in the 25-100 ng/mL concentration range.

Biotransformation

Zopiclone is extensively and rapidly metabolised by the liver. A large number of metabolites have been isolated and characterised, with the two major ones being the N-oxide, produced by oxidation of the piperazine nitrogen and the N-desmethyl produced by oxidative demethylation of the N-methyl piperazine. Only the N-oxide analogue has weak pharmacological activity.

Elimination & Excretion

Zopiclone is rapidly eliminated, mainly by means of hepatic metabolism. The elimination half-life after a single oral dose is 5.26 ± 0.76 hours. The elimination half-life for the N-oxide metabolite is 4.44 ± 0.66 hours and that for the N-desmethyl metabolite is 7.28 ± 0.49 hours.

Renal clearance is 13.9 ± 7.0 mL/min which further shows that the major elimination pathway is by hepatic metabolism.

The amount of renal excretion is also low; unchanged zopiclone 3.6%, the N-oxide metabolites 11.4% and the N-desmethyl metabolite 13.4%.

Elderly

In elderly patients, the absolute bioavailability is increased (94% vs 77% in young subjects), and the elimination half-life prolonged (approximately 7 hours).

Renal Insufficiency

In patients with mild to moderate renal insufficiency, the pharmacokinetics of zopiclone are not altered. Haemodialysis does not appear to increase the plasma clearance of the drug.

Hepatic Insufficiency

In patients with hepatic insufficiency, elimination half-life is prolonged (11.9) and time to peak plasma levels delayed (3.5 hours).

5.3 Preclinical safety data

Carcinogenicity

Treatment with zopiclone by dietary administration for 2 years increased the incidence of thyroid carcinomas in male rats dosed with 100 mg/kg/day, and increased the incidence of mammary carcinoma in female rats dosed with 100 mg/kg/day, probably due to interference with thyroid hormone and 17β -estradiol metabolism. Studies with mice treated with zopiclone at dietary doses up to 100 mg/kg/day showed no evidence of drug-related carcinogenicity.

Genotoxicity

Genotoxicity studies, using a standard battery of tests, showed no evidence of gene mutations or chromosomal damage.

6. PHARMACEUTICAL PARTICULARS

6.1 List of excipients

Dibasic calcium phosphate, lactose monohydrate, sodium starch glycolate Type-A (Primogel), povidone K 30, maize starch, colloidal anhydrous silica, magnesium stearate, hypromellose, titanium dioxide, purified talc, macrogol 6000, indigo carmine lake (3.75 mg).

6.2 Incompatibilities

Not applicable.

6.3 Shelf life

36 months

6.4 Special precautions for storage

Blister pack: Store below 25°C. Protect from light.

Bottle: Store below 25°C.

6.5 Nature and contents of container

PVC/Aluminium foil blister strips. Pack sizes of 28 and 30 tablets.

HDPE bottle with PP screw cap. Pack sizes of 100 and 500 tablets (dispensing pack only).

Not all pack sizes may be marketed.

6.6 Special precautions for disposal

No special requirements for disposal.

7. MEDICINE SCHEDULE

Controlled Drug Class C5

8. SPONSOR

Teva Pharma (New Zealand) Limited

PO Box 128 244

Remuera

Auckland 1541

Telephone: 0800 800 097

9. DATE OF FIRST APPROVAL

22 May 2014

10. DATE OF REVISION OF THE TEXT

15 December 2025

SUMMARY TABLE OF CHANGES

Section changed	Summary of new information
1	Update to include the strengths and pharmaceutical form.
4.4	Add haemolysis/haemolytic anaemia
4.6	Update to the pregnancy section

4.9	Add haemolysis/haemolytic anaemia as a symptom of overdose, Update risk assessment statement
-----	--