

## **SUMMARY OF PRODUCT CHARACTERISTICS**

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

Modafinil 200 mg tablets

### **2 QUALITATIVE AND QUANTITATIVE COMPOSITION**

Each tablet contains 200 mg of modafinil.

Excipient with known effect

Each tablet contains 107.6 mg of lactose monohydrate.

For the full list of excipients, see section 6.1.

### **3 PHARMACEUTICAL FORM**

Tablet.

The tablets are white to off white, capsule shaped debossed with 'M' on one side and "200 MG" on the other side, with a break line between 200 and MG.

The tablet can be divided into equal halves.

### **4 CLINICAL PARTICULARS**

#### **4.1 Therapeutic indications**

Modafinil is indicated in adults for the treatment of excessive sleepiness associated with narcolepsy with or without cataplexy.

Excessive sleepiness is defined as difficulty maintaining wakefulness and an increased likelihood of falling asleep in inappropriate situations.

#### **4.2 Posology and method of administration**

Treatment should be initiated by or under the supervision of a physician with appropriate knowledge of indicated disorders (see section 4.1).

A diagnosis of narcolepsy should be made according to the International Classification of Sleep Disorders (ICSD2) guideline.

Patient monitoring and clinical assessment of the need for treatment should be performed on a periodic basis.

#### Posology

The recommended starting dose is 200 mg daily. The total daily dose may be taken as a single dose in the morning or as two doses, one in the morning and one at noon, according to physician assessment of the patient and the patient's response.

Doses of up to 400 mg in one or two divided doses can be used in patients with insufficient response to the initial 200 mg modafinil dose.

#### *Long-term use*

Physicians prescribing modafinil for an extended time should periodically re-evaluate the long-term use for the individual patients as the long-term efficacy of modafinil has not been evaluated (> 9 weeks).

#### *Renal impairment*

There is inadequate information to determine safety and efficacy of dosing in patients with renal impairment (see section 5.2).

#### *Hepatic impairment*

The dose of modafinil should be reduced by half in patients with severe hepatic impairment (see section 5.2).

#### *Elderly*

There are limited data available on the use of modafinil in elderly patients. In view of the potential for lower clearance and increased systemic exposure, it is recommended that patients over 65 years of age commence treatment at 100 mg daily.

#### *Paediatric population*

Modafinil should not be used in children aged less than 18 years old because of safety and efficacy concerns (see section 4.4).

#### Method of administration

For oral use. Tablets should be swallowed whole.

### **4.3 Contraindications**

Hypersensitivity to the active substance or to any of the excipients listed in section 6.1.

Uncontrolled moderate to severe hypertension.

Cardiac arrhythmias.

#### 4.4 Special warnings and precautions for use

##### Diagnosis of sleep disorders

Modafinil should be used only in patients who have had a complete evaluation of their excessive sleepiness, and in whom a diagnosis of narcolepsy, has been made in accordance with ICSD diagnostic criteria. Such an evaluation usually consists, in addition to the patient's history, sleep measurements testing in a laboratory setting and exclusion of other possible causes of the observed hypersomnia.

##### Serious rash, including Stevens-Johnson Syndrome, Toxic Epidermal Necrolysis and Drug Rash with Eosinophilia and Systemic Symptoms

Serious rash requiring hospitalisation and discontinuation of treatment has been reported with the use of modafinil occurring within 1 to 5 weeks after treatment initiation. Isolated cases have also been reported after prolonged treatment (e.g., 3 months). In clinical trials of modafinil, the incidence of rash resulting in discontinuation was approximately 0.8% (13 per 1,585) in paediatric patients (age <17 years); this includes serious rash. No serious skin rashes have been reported in adult clinical trials (0 per 4,264) of modafinil. Modafinil should be discontinued at the first sign of rash and not re-started (see section 4.8).

Rare cases of serious or life-threatening rash, including Stevens-Johnson Syndrome (SJS), Toxic Epidermal Necrolysis (TEN), and Drug Rash with Eosinophilia and Systemic Symptoms (DRESS) have been reported in adults and children in worldwide post-marketing experience.

##### Paediatric population

Because safety and effectiveness in controlled studies in children have not been established and because of the risk of serious cutaneous hypersensitivity and psychiatric adverse reactions, the use of modafinil is not recommended in the paediatric population (below 18 years).

##### Multi-organ hypersensitivity reaction

Multi-organ hypersensitivity reactions, including at least one fatality in post-marketing experience, have occurred in close temporal association to the initiation of modafinil.

Although there have been a limited number of reports, multi-organ hypersensitivity reactions may result in hospitalisation or be life-threatening. There are no factors that are known to predict the risk of occurrence or the severity of multi-organ hypersensitivity reactions associated with modafinil. Signs and symptoms of this disorder were diverse; however, patients typically, although not exclusively, presented with fever and rash associated with other organ system involvement. Other associated manifestations included myocarditis, hepatitis, liver function test abnormalities, haematological abnormalities (e.g., eosinophilia, leukopenia, thrombocytopenia), pruritus, and asthenia.

Because multi-organ hypersensitivity is variable in its expression, other organ system symptoms and signs, not noted here, may occur.

If a multi-organ hypersensitivity reaction is suspected, modafinil should be discontinued.

#### Psychiatric disorders

Patients should be monitored for the development of *de novo* or exacerbation of pre-existing psychiatric disorders (see below and section 4.8) at every adjustment of dose and then regularly during treatment. If psychiatric symptoms develop in association with modafinil treatment, modafinil should be discontinued and not restarted. Caution should be exercised in giving modafinil to patients with a history of psychiatric disorders including psychosis, depression, mania, major anxiety, agitation, insomnia or substance abuse (see below).

#### Anxiety

Modafinil is associated with the onset or worsening of anxiety. Patients with major anxiety should only receive treatment with modafinil in a specialist unit.

#### Suicide-related behaviour

Suicide-related behaviour (including suicide attempts and suicidal ideation) has been reported in patients treated with modafinil. Patients treated with modafinil should be carefully monitored for the appearance or worsening of suicide-related behaviour. If suicide-related symptoms develop in association with modafinil, treatment should be discontinued.

#### Psychotic or manic symptoms

Modafinil is associated with the onset or worsening of psychotic symptoms or manic symptoms (including hallucinations, delusions, agitation or mania). Patients treated with modafinil should be carefully monitored for the appearance or worsening of psychotic or manic symptoms. If psychotic or manic symptoms occur, discontinuation of modafinil may be required.

#### Bipolar disorders

Care should be taken in using modafinil in patients with co-morbid bipolar disorder because of concern for possible precipitation of a mixed/manic episode in such patients.

#### Aggressive or hostile behaviour

The onset or worsening of aggressive or hostile behaviour can be caused by treatment with modafinil. Patients treated with modafinil should be carefully monitored for the appearance or worsening of aggressive or hostile behaviour. If symptoms occur, discontinuation of modafinil may be required.

#### Cardiovascular risks

An ECG is recommended in all patients before treatment with modafinil is initiated. Patients with abnormal findings should receive further specialist evaluation and treatment before treatment with modafinil is considered.

Blood pressure and heart rate should be regularly monitored in patients receiving modafinil. Modafinil should be discontinued in patients who develop

arrhythmia or moderate to severe hypertension and not restarted until the condition has been adequately evaluated and treated.

Modafinil is not recommended in patients with a history of left ventricular hypertrophy or cor pulmonale and in patients with mitral valve prolapse who have experienced the mitral valve prolapse syndrome when previously receiving CNS stimulants. This syndrome may present with ischaemic ECG changes, chest pain or arrhythmia.

#### Insomnia

Because modafinil promotes wakefulness, caution should be paid to signs of insomnia.

#### Maintenance of sleep hygiene

Patients should be advised that modafinil is not a replacement for sleep and good sleep hygiene should be maintained. Steps to ensure good sleep hygiene may include a review of caffeine intake.

#### Hormonal contraceptives

Women of childbearing potential should be maintained on a contraception before taking modafinil. Since the effectiveness of hormonal contraceptives may be reduced when used with modafinil (see section 4.5), alternative or concomitant methods of contraception have to be used during treatment and up to two months after discontinuation of modafinil.

#### Abuse, misuse, diversion and dependence

There have been studies with modafinil that have demonstrated a potential for dependence. The possibility of dependence with long-term use cannot be entirely excluded.

Caution should be exercised in administering modafinil to patients with a history of psychiatric disorders (see above), history of alcohol, drug or illicit substance abuse.

#### Excipients

##### *Lactose*

Patients with rare hereditary problems of galactose intolerance, total lactase deficiency or glucose-galactose malabsorption should not take this medicinal product.

## **4.5 Interaction with other medicinal products and other forms of interaction**

Modafinil may increase its own metabolism via induction of CYP3A4/5 activity but the effect is modest and unlikely to have significant clinical consequences.

#### Anticonvulsants

Co-administration of potent inducers of CYP activity, such as carbamazepine and phenobarbital, could reduce the plasma levels of modafinil. Due to a possible inhibition of CYP2C19 by modafinil and suppression of CYP2C9 the clearance of phenytoin may be decreased when modafinil is administered

concomitantly. Patients should be monitored for signs of phenytoin toxicity, and repeated measurements of phenytoin plasma levels may be appropriate upon initiation or discontinuation of treatment with modafinil.

#### Hormonal contraceptives

The effectiveness of hormonal contraceptives may be reduced due to induction of CYP3A4/5 by modafinil. Alternative or concomitant methods of have to be used by women of childbearing potential treated with and up to two months after discontinuation of modafinil (see section 4.4).

#### Antidepressants

A number of tricyclic antidepressants and selective serotonin reuptake inhibitors are largely metabolised by CYP2D6. In patients deficient in CYP2D6 (approximately 10% of a Caucasian population) a normally ancillary metabolic pathway involving CYP2C19 becomes more important. As modafinil may inhibit CYP2C19, lower doses of antidepressants may be required in such patients.

#### Anticoagulants

Due to possible suppression of CYP2C9 by modafinil the clearance of warfarin may be decreased when modafinil is administered concomitantly. Prothrombin times should be monitored regularly during the first 2 months of modafinil use and after changes in modafinil dosage.

#### Other medicinal products

Substances that are largely eliminated via CYP2C19 metabolism, such as diazepam, propranolol and omeprazole may have reduced clearance upon co-administration of modafinil and may thus require dosage reduction. In addition, *in vitro* induction of CYP1A2, CYP2B6 and CYP3A4/5 activities has been observed in human hepatocytes, which were it to occur *in vivo*, could decrease the blood levels of active substances metabolised by these enzymes, thereby possibly decreasing their therapeutic effectiveness. Results from clinical interaction studies suggest that the largest effects may be on substrates of CYP3A4/5 that undergo significant presystemic elimination, particularly via CYP3A enzymes in the gastrointestinal tract. Examples include ciclosporin, HIV-protease inhibitors, buspirone, triazolam, midazolam and most of the calcium channel blockers and statins. In a case report, a 50% reduction in ciclosporin concentration was observed in a patient receiving ciclosporin in whom concurrent treatment with modafinil was initiated.

## **4.6 Fertility, pregnancy and lactation**

#### Pregnancy

Based on human experience from epidemiological studies and spontaneous reporting modafinil is suspected to cause congenital malformations when administered during pregnancy.

In one post-authorisation pregnancy study, a higher prevalence of spontaneous abortion was reported among women treated with modafinil compared to women not treated with modafinil.

Studies in animals have shown reproductive toxicity (see section 5.3).

Modafinil should not be used during pregnancy.

Women of childbearing potential have to use contraception during treatment and up to two months after discontinuation of modafinil. As modafinil may reduce the effectiveness of hormonal contraception alternative or concomitant methods of contraception are required (see sections 4.4 and 4.5).

#### Breast-feeding

Available pharmacodynamic/toxicological data in animals have shown excretion of Modafinil/metabolites in milk (for details see section 5.3).

Modafinil should not be used during breast feeding.

#### Fertility

No data on fertility are available in humans. At exposures similar to human levels at the recommended human dose, modafinil slightly increased the time to mate in female rats.

### **4.7 Effects on ability to drive and use machines**

Patients with abnormal levels of sleepiness who take modafinil should be advised that their level of wakefulness may not return to normal. Patients with excessive sleepiness, including those taking modafinil should be frequently reassessed for their degree of sleepiness and, if appropriate, advised to avoid driving or any other potentially dangerous activity. Undesirable effects such as blurred vision or dizziness might also affect ability to drive (see section 4.8).

### **4.8 Undesirable effects**

The most commonly reported adverse drug reaction is headache, affecting approximately 21% of patients. This is usually mild or moderate, dose-dependent and disappears within a few days.

#### Tabulated list of adverse reactions

The following adverse reactions have been reported in clinical trials (involving 1,561 patients taking modafinil) and/or post-marketing experience.

| <b>System organ class</b>                   | <b>Very common</b><br>(≥1/10) | <b>Common</b><br>(≥1/100 to <1/10) | <b>Uncommon</b><br>(≥1/1000 to <1/100)               | <b>Rare</b><br>(≥1/10000 to <1/1000) | <b>Frequency not known</b> (cannot be estimated from the available data)           |
|---|-------------------------------|------------------------------------|--|--------------------------------------|--|
| <b>Infections and infestations</b>          |                               |                                    | Pharyngitis<br>Sinusitis                             |                                      |  |
| <b>Blood and lymphatic system disorders</b> |                               |                                    | Eosinophilia<br>Leukopenia                           |                                      |  |
| <b>Immune system disorders</b>              |                               |                                    | Minor allergic reaction<br>(e.g. hay fever symptoms) |                                      | Angioedema<br>Urticaria (hives)<br>Hypersensitivity reactions<br>(characterised by |

|  |          |  |   |                                     |   |
|--|----------|--|---|-------------------------------------|---|
|  |          |  |   |                                     | features such as fever, rash, lymphadenopathy and evidence of other concurrent organ involvement)<br>Anaphylaxis              |
| <b>Metabolism and nutrition disorders</b>              |          | Decreased appetite   | Hypercholesterolaemia<br>Hyperglycaemia<br>Diabetes mellitus<br>Increased appetite  |                                     |   |
| <b>Psychiatric disorders</b>                           |          | Nervousness<br>Insomnia<br>Anxiety<br>Depression<br>Abnormal thinking<br>Confusion<br>Irritability | Sleep disorder<br>Emotional lability<br>Decreased libido<br>Hostility<br>Depersonalisation<br>Personality disorder<br>Abnormal dreams<br>Agitation<br>Aggression<br>Suicidal ideation<br>Psychomotor<br>Hyperactivity | Hallucination<br>Mania<br>Psychosis | Delusions   |
| <b>Nervous system disorders</b>                        | Headache | Dizziness, somnolence, paraesthesia  | Dyskinesia<br>Hypertonia<br>Hyperkinesia<br>Amnesia<br>Migraine<br>Tremor<br>Vertigo<br>CNS stimulation<br>Hypoaesthesia<br>Incoordination<br>Movement disorder<br>Speech disorder<br>Taste perversion                |                                     |   |
| <b>Eye disorders</b>                                   |          | Blurred vision   | Abnormal vision<br>Dry eye  |                                     |   |
| <b>Cardiac disorders</b>                               |          | Tachycardia<br>Palpitation   | Extrasystoles<br>Arrhythmia<br>Bradycardia  |                                     |   |
| <b>Vascular disorders</b>                              |          | Vasodilatation   | Hypertension<br>Hypotension   |                                     |   |
| <b>Respiratory, thoracic and mediastinal disorders</b> |          |  | Dyspnoea<br>Increased cough<br>Asthma<br>Epistaxis<br>RRhinitis   |                                     |   |
| <b>Gastrointestinal disorders</b>                      |          | Abdominal pain<br>Nausea<br>Dry mouth<br>Diarrhoea<br>Dyspepsia<br>Constipation                    | Flatulence<br>Reflux<br>Vomiting<br>Dysphagia<br>Glossitis<br>Mouth ulcers  |                                     |   |
| <b>Skin and subcutaneous tissue disorders</b>          |          |  | Sweating<br>Rash<br>Acne<br>Pruritis  |                                     | Serious skin reactions including erythema multiforme, Stevens-Johnson Syndrome, Toxic Epidermal Necrolysis and Drug Rash with |

|   |  |  |   |  |  |
|---|--|--|---|--|--|
|   |  |  |   |  | Eosinophilia and Systemic Symptoms (DRESS) |
| <b>Musculoskeletal and connective tissue disorders</b>      |  |  | Back pain<br>Neck pain<br>Myalgia<br>Myasthenia<br>Leg cramps<br>Arthralgia<br>Twitch |  |  |
| <b>Renal and urinary disorders</b>                          |  |  | Abnormal urine<br>Urinary frequency   |  |  |
| <b>Reproductive system and breast disorders</b>             |  |  | Menstrual disorder  |  |  |
| <b>General disorders and administration site conditions</b> |  | Asthenia<br>Chest pain   | Peripheral oedema<br>Thirst   |  |  |
| <b>Investigations</b>                                       |  | Abnormal liver function tests<br>Dose related increases in alkaline phosphatase and gamma-glutamyl transferase | Abnormal ECG<br>Weight increase<br>Weight decrease                                    |  |  |

#### Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorisation of the medicinal product is important. It allows continued monitoring of the benefit/risk balance of the medicinal product. Healthcare professionals are asked to report any suspected adverse reactions via the Yellow Card Scheme at: [www.mhra.gov.uk/yellowcard](http://www.mhra.gov.uk/yellowcard) or search for MHRA Yellow Card in the Google Play or Apple App store.

## 4.9 Overdose

### Symptoms

Death has occurred with modafinil overdose alone or in combination with other medicinal products. Symptoms most often accompanying modafinil overdose, alone or in combination with other medicinal products have included: insomnia; central nervous system symptoms such as restlessness, disorientation, confusion, agitation, anxiety, excitation and hallucination; digestive changes such as nausea and diarrhoea; and cardiovascular changes such as tachycardia, bradycardia, hypertension and chest pain.

### Management

Induced emesis or gastric lavage should be considered. Hospitalisation and surveillance of psychomotor status; cardiovascular monitoring or surveillance until the patient's symptoms have resolved are recommended.

## 5 PHARMACOLOGICAL PROPERTIES

### 5.1 Pharmacodynamic properties

Pharmacotherapeutic group: Psychoanaleptics, centrally acting sympathomimetics, ATC code: N06BA07

#### Mechanism of action

Modafinil promotes wakefulness in a variety of species, including man. The precise mechanism(s) through which modafinil promotes wakefulness is unknown.

#### Pharmacodynamic effects

In non-clinical models, modafinil has weak to negligible interactions with receptors involved in the regulation of sleep/wake states (e.g., adenosine, benzodiazepine, dopamine, GABA, histamine, melatonin, norepinephrine, orexin, and serotonin). Modafinil also does not inhibit the activities of adenylyl cyclase, catechol-O-methyltransferase, glutamic acid decarboxylase MAO-A or B, nitric oxide synthetase, phosphodiesterases II-VI, or tyrosine hydroxylase. While modafinil is not a direct-acting dopamine receptor agonist, *in vitro* and *in vivo* data indicate that modafinil binds to the dopamine transporter and inhibits dopamine reuptake. The wake-promoting effects of modafinil are antagonised by D1/D2 receptor antagonists suggesting that it has indirect agonist activity.

Modafinil does not appear to be a direct  $\alpha_1$ -adrenoceptor agonist. However, modafinil binds to the norepinephrine transporter and inhibits norepinephrine uptake, but these interactions are weaker than those observed with the dopamine transporter. Although modafinil-induced wakefulness can be attenuated by the  $\alpha_1$ -adrenoceptor antagonist, prazosin, in other assay systems (e.g. vas deferens) responsive to  $\alpha$ -adrenoceptor agonists, modafinil is inactive.

In non-clinical models, equal wakefulness-promoting doses of methylphenidate and amphetamine increase neuronal activation throughout the brain, whereas modafinil unlike classical psychomotor stimulants, predominantly affects brain regions implicated in regulating arousal, sleep, wake and vigilance.

In humans, modafinil restores and/or improves the level and duration of wakefulness and daytime alertness in a dose-related manner. Administration of modafinil results in electrophysiological changes indicative of increased alertness and improvements in objective measures of ability to sustain wakefulness.

#### Clinical efficacy and safety

The efficacy of modafinil in patients with obstructive sleep apnoea (OSA) exhibiting excessive day time sleepiness despite treatment with continuous positive airways pressure (CPAP) has been studied in short term randomised controlled clinical trials. Although statistically significant improvements in sleepiness were noted, the magnitude of effect and response rate to modafinil was small when assessed by objective measurements and limited to a small sub-

population of the treated patients. In light of this, and because of its known safety profile, the demonstrated benefit is outweighed by the risks.

Three epidemiological studies all utilizing a long-term observational inception cohort design were conducted in administrative databases assessing the cardiovascular and cerebrovascular risk of modafinil. One of the three studies suggested an increase in the incidence rate of stroke in modafinil treated patients compared to patients not treated with modafinil, however, results across the three studies were not consistent.

## **5.2 Pharmacokinetic properties**

Modafinil is a racemic compound, and the enantiomers have different pharmacokinetics where the elimination  $t_{1/2}$  of the R-isomer is three times that of the S-isomer in adult humans.

### Linearity/non-linearity

The pharmacokinetic properties of modafinil are linear and time-independent. Systemic exposure increases in a dose proportional manner over the range of 200-600 mg.

### Absorption

Modafinil is well-absorbed with peak plasma concentration reached approximately two to four hours after administration.

Food has no effect on overall modafinil bioavailability; however, absorption ( $t_{max}$ ) may be delayed by approximately one hour if taken with food.

### Distribution

Modafinil is moderately bound to plasma protein (approximately 60%), primarily to albumin, which indicates that there is a low risk of interaction with strongly bound active substances.

### Biotransformation

Modafinil is metabolised by the liver. The chief metabolite (40 – 50% of the dose), modafinil acid, has no pharmacological activity.

### Elimination

The excretion of modafinil and its metabolites is chiefly renal, with a small proportion being eliminated unchanged (< 10% of the dose).

The effective elimination half-life of modafinil after multiple doses is about 15 hours.

### Renal impairment

Severe chronic renal failure (creatinine clearance up to 20 mL/min) did not significantly affect the pharmacokinetics of modafinil administered at 200 mg, but exposure to modafinil acid was increased 9-fold. There is inadequate

information to determine safety and efficacy of dosing in patients with renal impairment.

#### Hepatic impairment

In patients with cirrhosis, the oral clearance of modafinil was decreased by approximately 60%, and the steady-state concentration doubled, compared with values in healthy subjects. The dosage of modafinil should be reduced by half in patients with severe hepatic impairment.

#### Elderly population

There are limited data available on the use of modafinil in elderly patients. In view of the potential for lower clearance and increased systemic exposure, it is recommended that patients over 65 years of age commence treatment at 100 mg daily.

#### Paediatric Population

For patients 6 to 7 years of age, the estimated half-life is approximately 7 hours and increases with increase in age until half-life values approach those in adults (approximately 15 hours). This difference in clearance is partially offset by the younger patients' smaller size and lower weight which results in comparable exposure following administration of comparable doses. Higher concentrations of one of the circulating metabolites, modafinil sulfone, are present in children and adolescents as compared to adults.

In addition, following repeat-dose administration of modafinil to children and adolescents, a time-dependent reduction in systemic exposure, which plateaus by approximately week 6 is observed. Once steady-state is reached, the pharmacokinetic properties of modafinil do not appear to change with continued administration for up to 1 year.

### **5.3 Preclinical safety data**

Toxicology studies by single and repeated dosing have revealed no particular toxic action in animals.

Modafinil is not considered to be mutagenic or carcinogenic.

Reproductive toxicity studies conducted in rats and rabbits showed an increased incidence in skeletal variations (changes in the numbers of ribs and delayed ossification), embryo-foetal lethality (peri-implantation loss and resorptions) and some evidence of an increase in stillbirths (rats only), in the absence of maternal toxicity, at clinically relevant exposures. There was no effect on fertility and no evidence of teratogenic potential at systemic exposures equivalent to the maximum recommended human dose.

Reproduction toxicity studies revealed no effect on fertility, nor any teratogenic effect, nor any effect on viability, growth or development of the offspring.

Animal exposure to modafinil, based on actual plasma levels in the general toxicology, reproductive and carcinogenicity studies, was less than or similar

to that expected in humans. This circumstance is the result of metabolic auto-induction noted in the pre-clinical studies. However, animal exposure on a mg/kg dose basis to modafinil in the general toxicology, reproductive and carcinogenicity studies was greater than the expected exposure, calculated on a similar basis, in humans.

In the rat peri-post-natal study, modafinil concentration in milk was about 11.5 times higher than in plasma.

## **6. PHARMACEUTICAL PARTICULARS**

### **6.1 List of excipients**

Crospovidone (Type A)  
Crospovidone (Type B)  
Cellulose, Microcrystalline  
Starch (Maize), Pregelatinized  
Povidone K-90  
Povidone K-30  
Lactose Monohydrate  
Silica Colloidal Anhydrous  
Talc  
Magnesium stearate

### **6.2 Incompatibilities**

Not applicable

### **6.3 Shelf life**

3 years

### **6.4 Special precautions for storage**

This medicinal product does not require any special storage conditions.

### **6.5 Nature and contents of container**

PVC/Aclar blister.  
Alu/Alu blister.

Available in pack sizes of 10 or 30 tablets.

Not all pack sizes may be marketed.

#### **6.6 Special precautions for disposal**

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

### **7 MARKETING AUTHORISATION HOLDER**

DAWA Limited

5 Sandridge Close

Harrow

Middlesex

HA1 1XD

United Kingdom

### **8 MARKETING AUTHORISATION NUMBER(S)**

PL 30684/0221

### **9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION**

04/12/2024

### **10 DATE OF REVISION OF THE TEXT**

19/03/2026