Symvenu®

cariprazine hydrochloride

Mitsubishi Tanabe Pharma

1. QUALITATIVE AND QUANTITATIVE COMPOSITION

Symvenu® 1.5 mg hard capsules

Each hard capsule contains cariprazine hydrochloride corresponding to 1.5 mg cariprazine.

Symvenu® 3 mg hard capsules

Each hard capsule contains cariprazine hydrochloride corresponding to 3 mg cariprazine.

Excipients with known effect

Each hard capsule contains 0.0003 mg Allura red AC (E 129).

Symvenu® 4.5 mg hard capsules

Each hard capsule contains cariprazine hydrochloride corresponding to 4.5 mg cariprazine.

Excipients with known effect

Each hard capsule contains 0.0008 mg Allura red AC (E 129).

Symvenu® 6 mg hard capsules

Each hard capsule contains cariprazine hydrochloride corresponding to 6 mg cariprazine.

Excipients with known effect

Each hard capsule contains 0.0096 mg Allura red AC (E 129).

For the full list of excipients, see section 5.1.

2. PHARMACEUTICAL FORM

Hard capsule

Symvenu® 1.5 mg hard capsules

'Size 4' (approximately 14.3 mm in length) hard gelatin capsule with white opaque cap and white opaque body imprinted with "GR 1.5" on the capsule body with black ink. The capsules are filled with white to yellowish white powder mixture.

Symvenu® 3 mg hard capsules

'Size 4' (approximately 14.3 mm in length) hard gelatin capsule with green opaque cap and white opaque body imprinted with "GR 3" on the capsule body with black ink. The capsules are filled with white to yellowish white powder mixture.

Symvenu® 4.5 mg hard capsules

'Size 4' (approximately 14.3 mm in length) hard gelatin capsule with green opaque cap and green opaque body imprinted with "GR 4.5" on the capsule body with white ink. The capsules are filled with white to yellowish white powder mixture.

Symvenu® 6 mg hard capsules

'Size 3' (approximately 15.9 mm in length) hard gelatin capsule with purple opaque cap and white opaque body imprinted with "GR 6" on the capsule body with black ink. The capsules are filled with white to yellowish white powder mixture.

3. CLINICAL PARTICULARS

3.1 Therapeutic indications

Symvenu® is indicated for
- treatment of acute exacerbation or relapse of schizophrenia in adult patients,
- acute treatment of manic or mixed episodes associated with bipolar I disorder in adult patients,
- treatment of depressive episodes associated with bipolar I disorder (bipolar depression) in adult patients.
- adjunctive therapy to antidepressants for the treatment of major depressive disorder (MDD) in adults.

3.2 Posology and method of administration

Posology

Schizophrenia
The recommended starting dose of cariprazine is 1.5 mg once daily. Thereafter the dose can be increased slowly in 1.5 mg increments to a maximum dose of 6 mg/day, if needed. The lowest effective dose should be maintained according to the clinical judgement of the treating physician. Because of the long half-life of cariprazine and its active metabolites, changes in dose will not be fully reflected in plasma for several weeks. Patients should be monitored for adverse reactions and treatment response for several weeks after starting cariprazine and after each dosage change (see section 4.2).

Manic or mixed episodes associated with bipolar I disorder
The recommended dose range is 3 mg to 6 mg once daily. The starting dose of cariprazine is 1.5 mg and should be increased to 3 mg on Day 2. Depending upon clinical response and tolerability, further dose adjustments can be made in 1.5 mg or 3 mg increments. The maximum recommended dosage is 6 mg daily. In short-term controlled studies, dosages above 6 mg daily do not confer increased effectiveness sufficient to outweigh dose-related adverse reactions.

Depressive episodes associated with bipolar I disorder (bipolar depression)
The dose of cariprazine is 1.5 mg once daily. If not response treatment discontinued.

Adjunctive therapy to antidepressants for the treatment of major depressive disorder (MDD)
The starting dose of cariprazine is 1.5 mg once daily. Depending upon clinical response and tolerability, the dosage can be increased to 3 mg once daily on Day 15. In clinical studies dosage titration at intervals of less than 14 days resulted in a higher incidence of adverse reactions. Maximum recommended dosage is 3 mg once daily.

Switching from other antipsychotics to cariprazine
When switching from another antipsychotic to cariprazine gradual cross-titration should be considered, with gradual discontinuation of the previous treatment while cariprazine treatment is

initiated.

Switching to another antipsychotic from cariprazine
When switching to another antipsychotic from cariprazine, no gradual cross-titration is needed, the new antipsychotic should be initiated in its lowest dose while cariprazine is discontinued. It should be considered that plasma concentration of cariprazine and its active metabolites will decline by 50% in ~1 week (see section 4.2).

Special population

Renal impairment
No dose adjustment is required in patients with mild to moderate renal impairment (Creatinine Clearance (CrCl) ≥ 30 mL/min and < 89 mL/min). Safety and efficacy of cariprazine have not been evaluated in patients with severe renal impairment (CrCl < 30 mL/min). Use of cariprazine is not recommended in patients with severe renal impairment (see section 4.2).

Hepatic impairment
No dose adjustment is required in patients with mild to moderate hepatic impairment (Child-Pugh score between 5-9). Safety and efficacy of cariprazine have not been evaluated in patients with severe hepatic impairment (Child-Pugh score between 10 and 15). Use of cariprazine is not recommended in patients with severe hepatic impairment (see section 4.2).

Elderly
Available data in elderly patients aged ≥ 65 years treated with cariprazine are not sufficient to determine whether or not they respond differently from younger patients (see section 4.2). Dose selection for an elderly patient should be more cautious.

Paediatric population
The safety and efficacy of cariprazine in children and adolescents aged less than 18 years have not been established. No data are available.

Method of administration

Symvenu® is for oral use, to be taken once daily at the same time of the day with or without food.

3.3 Contraindications

Hypersensitivity to the active substance or to any of the excipients listed in section 5.1.
Concomitant administration of strong or moderate CYP3A4 inhibitors (see section 3.5).
Concomitant administration of strong or moderate CYP3A4 inducers (see section 3.5).

3.4 Special warnings and precautions for use

Suicidal ideation and behaviour

The possibility of suicidality (suicidal ideation, suicide attempt and completed suicide) is inherent in psychotic illnesses and, generally, it is reported early after initiation or switch of antipsychotic therapy. Close supervision of high-risk patients should accompany antipsychotic therapy.

Akathisia, restlessness

Akathisia and restlessness are frequently occurring adverse reactions of antipsychotics. Akathisia is a movement disorder characterized by a feeling of inner restlessness and a compelling need to be in constant motion, as well as by actions such as rocking while standing or sitting, lifting the feet as if marching on the spot, and crossing and uncrossing the legs while sitting. As cariprazine causes

akathisia and restlessness, it should be used cautiously in patients who are prone to or already exhibit symptoms of akathisia. Akathisia develops early in treatment. Therefore close monitoring in the first phase of treatment is important. Prevention includes slow up-titration; treatment measures include slight down-titration of cariprazine or anti-EPS medicinal product. The dose can be modified based on individual response and tolerability (see section 3.8).

Tardive dyskinesia

Tardive dyskinesia is a syndrome consisting of potentially irreversible, rhythmical, involuntary movements, predominantly of the tongue and/or face that can develop in patients treated with antipsychotics. If signs and symptoms of tardive dyskinesia appear in a patient treated with cariprazine, discontinuation should be considered.

Parkinson's disease

If prescribed to patients with Parkinson's disease, antipsychotic medicinal products may exacerbate the underlying disease and worsen symptoms of Parkinson's disease. Physicians should, therefore, weigh the risks versus the benefits when prescribing cariprazine to patients with Parkinson's disease.

Ocular symptoms/cataract

In the preclinical studies of cariprazine lens opacity/cataract was detected in dogs (see sections 3.8 and 4.3). However, a causal relationship between lenticular changes / cataracts observed in human studies and cariprazine use has not been established. Nevertheless, patients who would develop symptoms potentially related to cataract should be advised to ophthalmologic examination and re-evaluated for treatment continuation.

Neuroleptic malignant syndrome (NMS)

A potentially fatal symptom complex referred to as NMS has been reported in association with antipsychotic treatment. Clinical manifestations of NMS are hyperpyrexia, muscle rigidity, elevated serum creatine phosphokinase levels, altered mental status and evidence of autonomic instability (irregular pulse or blood pressure, tachycardia, diaphoresis and cardiac dysrhythmia). Additional signs may include myoglobinuria (rhabdomyolysis) and acute renal failure. If a patient develops signs and symptoms indicative of NMS, or presents with unexplained high fever without additional clinical manifestations of NMS, cariprazine must be discontinued immediately.

Seizures and convulsions

Cariprazine should be used cautiously in patients with history of seizures or with conditions that potentially lower the seizure threshold.

Elderly patients with dementia

Cariprazine has not been studied in elderly patients with dementia and is not recommended to treat elderly patients with dementia due to increased risk of overall mortality.

Risk of cerebrovascular accidents (CVA)

An approximately 3-fold increased risk of CVA has been seen in randomised placebo controlled clinical studies in the dementia population with some atypical antipsychotics. The mechanism for this increased risk is not known. An increased risk cannot be excluded for other antipsychotics or other patient populations. Cariprazine should be used with caution in patients with risk factors for stroke.

Cardiovascular disorders

Blood pressure changes

Cariprazine can cause orthostatic hypotension as well as hypertension (see section 3.8). Cariprazine should be used with caution in patients with known cardiovascular disease predisposing to blood pressure changes. Blood pressure should be monitored.

Electrocardiogram (ECG) changes
QT prolongation can develop in patients treated with antipsychotics.
With cariprazine no QT interval prolongation was detected compared to placebo in a clinical study designed to assess QT prolongation (see section 4.1). In clinical studies, only a few, non-serious, QT-prolongations have been reported with cariprazine (see section 3.8). Therefore, cariprazine should be used cautiously in patients with known cardiovascular disease or in patients with a family history of QT prolongation and in patients treated with medicinal products that might cause QT prolongation (see section 4.1).

Venous thromboembolism (VTE)
Cases of VTE have been reported with antipsychotic medicinal products. Since patients treated with antipsychotics often present with acquired risk factors for VTE, all possible risk factors for VTE should be identified before and during treatment with cariprazine and preventive measures undertaken.

Hyperglycaemia and diabetes mellitus

Patients with an established diagnosis of diabetes mellitus or patients with risk factors for diabetes mellitus (e.g. obesity, family history of diabetes) who are starting treatment with atypical antipsychotics should be monitored for serum glucose levels. In clinical studies, glucose-related adverse reactions have been reported with cariprazine (see section 4.1).

Women of childbearing potential

Women of childbearing potential must use highly effective contraception while taking cariprazine and at least for 10 weeks after stopping treatment (see sections 3.5 and 3.6). Women using systemically acting hormonal contraceptives should add a second barrier method.

Weight change

Significant weight gain has been observed with the use of cariprazine. Patients should have their weight monitored regularly (see section 3.8).

Excipients

Symvenu® 3 mg, 4.5 mg and 6 mg hard capsules contain Allura red AC (E 129), which may cause allergic reactions.

3.5 Interaction with other medicinal products and other forms of interaction

Potential for other medicinal products to affect cariprazine

Metabolism of cariprazine and its major active metabolites, desmethyl cariprazine (DCAR) and didesmethyl cariprazine (DDCAR), is mediated mainly by CYP3A4 with a minor contribution of CYP2D6.

CYP3A4 inhibitors
Ketoconazole, a strong CYP3A4 inhibitor, caused two fold increase in plasma exposure for total cariprazine (sum of cariprazine and its active metabolites) during short-term (4 days) co-administration, either if unbound or unbound+bound moieties considered.
Due to the long half-life of the active moieties of cariprazine a further increase in plasma exposure of total cariprazine can be expected during longer co-administration. Therefore, co-administration of cariprazine with strong or moderate inhibitors of CYP3A4 (e.g. boceprevir, clarithromycin, cobicistat, indinavir, itraconazole, ketoconazole, nefazodone, nelfinavir, posaconazole, ritonavir, saquinavir,

telaprevir, telithromycin, voriconazole, diltiazem, erythromycin, fluconazole, verapamil) is contraindicated (see section 3.3). Consumption of grapefruit juice should be avoided.

CYP3A4 inducers
Co-administration of cariprazine with strong and moderate inducers of CYP3A4 may result in a significant decrease in total cariprazine exposure, therefore the co-administration of cariprazine and strong or moderate CYP3A4 inducers (e.g. carbamazepine, phenobarbital, phenytoin, rifampicin, St. John's wort (*Hypericum perforatum*), bosentan, efavirenz, etravirine, modafinil, nafcillin) is contraindicated (see section 3.3).

CYP2D6 inhibitors
CYP2D6 mediated pathway plays a minor role in the metabolism of cariprazine, the major pathway is via CYP3A4 (see section 4.2). Therefore CYP2D6 inhibitors are unlikely to have a clinically relevant effect on cariprazine metabolism.

Potential for cariprazine to affect other medicinal products

P-glycoprotein (P-gp) substrates
Cariprazine is a P-gp inhibitor *in vitro* at its theoretical maximum intestinal concentration. The clinical consequences of this effect are not fully understood, however the use of P-gp substrates with narrow therapeutic index such as dabigatran and digoxin could require extra monitoring and dose adjustment.

Hormonal contraceptives
It is currently unknown whether cariprazine may reduce the effectiveness of systemically acting hormonal contraceptives, and therefore women using systemically acting hormonal contraceptives should add a second barrier method.

Pharmacodynamic interactions

Given the primary central nervous system effects of cariprazine, Symvenu® should be used with caution in combination with other centrally acting medicinal products and alcohol.

3.6 Fertility, pregnancy and lactation

Women of childbearing potential/contraception

Women of childbearing potential must be advised to avoid pregnancy while on Symvenu®. Female patients of child-bearing potential must use highly effective contraceptive methods during treatment and for at least 10 weeks following the last dose of Symvenu®. It is currently unknown if cariprazine may reduce the effectiveness of systemically acting hormonal contraceptives and therefore women using systemically acting hormonal contraceptives should add a barrier method (see section 3.5)

Pregnancy

There are no or limited amount of data from the use of cariprazine in pregnant women.
Studies in animals have shown reproductive toxicity including developmental malformations in rats (see section 4.3).

Symvenu® is not recommended during pregnancy and in women of childbearing potential not using effective contraception. After discontinuation of cariprazine treatment contraception should be used for at least 10 weeks due to the slow elimination of active moieties.

Neonates exposed to antipsychotics (including cariprazine) during the third trimester of pregnancy are at risk of adverse reactions including extrapyramidal and/or withdrawal symptoms that may vary in severity and duration following delivery. There have been reports of agitation, hypertonia, hypotonia, tremor, somnolence, respiratory distress or feeding disorder. These complications have varied in severity; while in some cases symptoms have been self-limited, in other cases, neonates have required

intensive care unit support and prolonged hospitalization. Consequently, newborns should be monitored carefully.

Breast-feeding

It is unknown whether cariprazine or its major active metabolites are excreted in human milk. Cariprazine and its metabolites are excreted in milk of rats during lactation (see section 4.3). A risk to the newborns/infants cannot be excluded. Breast-feeding should be discontinued during treatment with cariprazine.

Fertility

The effect of cariprazine on human fertility has not been evaluated. In rat studies lower female fertility and conception indices were observed (see section 4.3).

3.7 Effects on ability to drive and use machines

Cariprazine has minor or moderate influence on the ability to drive and use machines. Patients should be cautioned about operating hazardous machinery, including motor vehicles, until they are reasonably certain that therapy with Symvenu® does not affect them adversely.

3.8 Undesirable effects

Summary of the safety profile

The most frequently reported adverse drug reactions (ADRs) in all four indications were related to extrapyramidal symptoms (EPS).

Tabulated list of adverse reactions

ADRs are shown by indications, system organ class and by preferred term in Table 1.

Adverse reactions are ranked by frequency, the most frequent first, using the following convention: very common (≥1/10); common (≥1/100 to <1/10); uncommon (≥1/1,000 to <1/100); rare (≥1/10,000 to <1/1,000) very rare (<1/10,000), not known (cannot be estimated from the available data). Within each frequency grouping, adverse reactions are presented in order of decreasing seriousness.

Schizophrenia

The safety profile of cariprazine has been evaluated in around 2000 cariprazine-treated patients with schizophrenia in therapeutic dose range from 1.5 mg to 6 mg based on several short- term and long-term clinical studies.

Table 1 Adverse drug reactions occurring in patients with schizophrenia

MedDRA System Organ Class	Very common (≥1/10)	Common (≥1/100 to <1/10)	Uncommon (≥1/1,000 to <1/100)	Rare (≥1/10,000 to <1/1,000)	Not known (Frequency cannot be estimated from the available data)
Blood and lymphatic system disorders			Anaemia Eosinophilia	Neutropenia	
Immune				Hypersensitivity	

system disorders					
Endocrine disorders			Blood thyroid stimulating hormone decreased	Hypothyroidism	
Metabolism and nutrition disorders		Weight increased Decreased appetite Increased appetite Dyslipidaemia	Blood sodium abnormal Blood glucose increased Diabetes mellitus		
Psychiatric disorders		Sleep disorders[1] Anxiety	Suicidal behaviour Delirium Depression Libido decreased Libido increased Erectile dysfunction		
Nervous system disorders	Akathisia[2] Parkinsonism[3]	Sedation Dizziness Dystonia[4] Other extrapyramidal diseases and abnormal movement disorders[5]	Lethargy Dysaesthesia Dyskinesia[6] Tardive dyskinesia	Seizures/ Convulsion Amnesia Aphasia	Neuroleptic malignant syndrome
Eye disorders		Vision blurred	Eye irritation Intraocular pressure increased Accommodation disorder Visual acuity reduced	Cataract Photophobia	
Ear and labyrinth disorders			Vertigo		
Cardiac disorders		Tachyarrhythmia	Cardiac conduction disorders Bradyarrhythmia Electrocardiogram QT prolonged Electrocardiogram T wave abnormal		
Vascular disorders		Hypertension	Hypotension		
Respiratory, thoracic and mediastinal disorders			Hiccups		
Gastrointestinal disorders		Nausea Constipation Vomiting	Gastroesophageal reflux disease	Dysphagia	

Hepatobiliary disorders		Hepatic enzymes increased	Blood bilirubin increased		Toxic hepatitis
Skin and subcutaneous tissue disorders			Pruritus Rash		
Musculoskeletal and connective tissue disorders		Blood creatine phosphokinase increased		Rhabdomyolysis	
Renal and urinary disorders			Dysuria Pollakiuria		
Pregnancy, puerperium and perinatal conditions					Drug withdrawal syndrome neonatal (see section 3.6)
General disorders and administration site conditions		Fatigue	Thirst		

[1]Sleep disorders: Insomnia, Abnormal dreams/nightmare, Circadian rhythm sleep disorder, Dyssomnia, Hypersomnia, Initial insomnia, Middle insomnia, Nightmare, Sleep disorder, Somnambulism, Terminal insomnia
[2]Akathisia: Akathisia, Psychomotor hyperactivity, Restlessness
[3]Parkinsonism: Akinesia, Bradykinesia, Bradyphrenia, Cogwheel rigidity, Extrapyramidal disorder, Gait disturbance, Hypokinesia, Joint stiffness, Tremor, Masked facies, Muscle rigidity, Musculoskeletal stiffness, Nuchal rigidity, Parkinsonism
[4]Dystonia: Blepharospasm, Dystonia, Muscle tightness, Oromandibular dystonia, Torticollis, Trismus
[5]Other extrapyramidal diseases and abnormal movement disorders: Balance disorder, Bruxism, Drooling, Dysarthria, Gait deviation, Glabellar reflex abnormal, Hyporeflexia, Movement disorder, Restless legs syndrome, Salivary hypersecretion, Tongue movement disturbance
[6]Dyskinesia: Choreoathetosis, Dyskinesia, Grimacing, Oculogyric crisis, Protrusion tongue

Manic or mixed episodes associated with bipolar I disorder

The safety profile of cariprazine has been evaluated in around 500 cariprazine-treated patients with manic or mixed episodes associated with Bipolar I disorder in therapeutic dose range from 3 mg to 6 mg based on several short- term and one long-term clinical studies.

Table 2 Adverse drug reactions occurring in patients with manic or mixed episodes associated with bipolar I disorder

MedDRA System Organ Class	**Very common (≥ 1/10)**	**Common (≥ 1/100 to < 1/10)**	**Uncommon (≥ 1/1,000 to < 1/100)**	
Metabolism and nutrition disorders		Weight increased[1] Decreased appetite		
Psychiatric disorders		Sleep disorders[2] Anxiety	Confusional state Libido decreased	

Nervous system disorders	Akathisia[3] Parkinsonism[4]	Headache[5] Dystonia[6] Sedation[7] Dizziness Other extrapyramidal diseases and abnormal movement disorders[8]	Lethargy Dysgeusia Convulsions	
Eye disorders		Vision blurred	Dry eye Photophobia	
Ear and labyrinth disorders			Vertigo Tinnitus	
Cardiac disorders		Tachycardia[9]	Atrioventricular block first degree	
Vascular disorders		Hypertension[10] Hypotension[11]	Hot flush	
Respiratory, thoracic and mediastinal disorders			Hiccups	
Gastrointestinal disorders		Nausea Constipation Vomiting Dyspepsia Dry mouth	Flatulence Dysphagia	
Hepatobiliary disorders			Hepatic enzymes increased[12] Liver function test abnormal	
Musculoskeletal and connective tissue disorders		Musculoskeletal pain[13]	Blood creatine phosphokinase increased	
Renal and urinary disorders			Pollakisuria	
General disorders and administration site conditions		Fatigue[14]		

[1] Weight increased: Weight increased, Waist circumference increased
[2] Sleep disorders: Insomnia, Nightmare, Terminal insomnia
[3] Akathisia: Akathisia, Restlessness, Psychomotor hyperactivity
[4] Parkinsonism: Bradykinesia, Extrapyramidal disorder, Gait disturbance, Joint stiffness, Muscle rigidity, Musculoskeletal stiffness, Parkinsonism, Tremor
[5] Headache: Headache, Tension headache
[6] Dystonia: Blepharospasm, Dystonia, Muscle spasm, Muscle tightness, Oromandibular dystonia
[7] Sedation: Hypersomnia, Sedation, Somnolence
[8] Other extrapyramidal diseases and abnormal movement disorders: Balance disorder, Drooling, Dysarthria, Muscle twitching, Restless legs syndrome, Salivary hypersecretion
[9] Tachycardia: Heart rate increased, Orthostatic heart rate response increased, Postural orthostatic tachycardia syndrome, Tachycardia, Sinus tachycardia
[10] Hypertension: Blood pressure increased, Blood pressure diastolic increased, Hypertension

[11] Hypotension: Orthostatic hypotension, Hypotension
[12] Hepatic enzymes increased: Alanine aminotransferase increased, Aspartate aminotransferase increased, Hepatic enzyme abnormal
[13] Musculoskeletal pain: Arthralgia, Musculoskeletal pain, Myalgia, Neck pain, Pain, Pain in extremity, Pain in jaw
[14] Fatigue: Asthenia, Fatigue, Listless

Bipolar depression

The safety profile of cariprazine has been evaluated in around 1,000 cariprazine-treated patients with bipolar depression.

Table 3 Adverse drug reactions occurring in patients with bipolar depression

MedDRA System Organ Class	**Very common (≥ 1/10)**	**Common (≥ 1/100 to < 1/10)**	**Uncommon (≥ 1/1,000 to < 1/100)**	
Metabolism and nutrition disorders		Increased appetite Weight increased	Hyperinsulinaemia[1] Hypercholesterolaemia[2]	
Psychiatric disorders		Sleep disorders[3] Anxiety[4]	Erectile dysfunction Orgasm abnormal Suicidal ideation	
Nervous system disorders	Akathisia[5]	Sedation[6] Dizziness[7] Parkinsonism[8] Other extrapyramidal diseases and abnormal movement disorders[9]	Dystonia[10] Dyskinesia Mental impairment	
Eye disorders			Vision blurred Photophobia	
Ear and labyrinth disorders			Vertigo	
Cardiac disorders			Electrocardiogram T wave abnormal[11]	
Gastrointestinal disorders		Nausea Vomiting	Abdominal pain[12] Gastrooesophageal reflux disease	
Hepatobiliary disorders			Hepatic enzymes increased[13]	
Skin and subcutaneous tissue disorders			Pruritus	
Musculoskeletal and connective tissue disorders		Musculoskeletal pain[14]	Muscular weakness	
General disorders and administration site conditions		Fatigue[15]	Thirst Energy increased	

[1] Hyperinsulinaemia: Blood glucose increased, Blood insulin increased, Glycosylated haemoglobin increased, Hyperinsulinaemia
[2] Hypercholesterolaemia: Blood cholesterol increased, Hypercholesterolaemia
[3] Sleep disorders: Abnormal dreams, Initial insomnia, Insomnia, Insomnia related to another mental condition, Middle insomnia, Nightmare, Poor quality sleep, Sleep disorder, Terminal insomnia
[4] Anxiety: Anxiety, Feeling jittery, Irritability, Panic attack, Tension
[5] Akathisia: Agitation, Akathisia, Restlessness
[6] Sedation: Hypersomnia, Sedation, Somnolence
[7] Dizziness: Dizziness, Dizziness Postural
[8] Parkinsonism: Akinesia, Extrapyramidal disorder, Gait disturbance, Joint stiffness, Musculoskeletal stiffness, Tremor
[9] Other extrapyramidal diseases and abnormal movement disorders: Bruxism, Salivary hypersecretion, Drooling, Restless legs syndrome
[10] Dystonia: Blepharospasm, Dystonia, Muscle tightness, Muscle spasm
[11] Electrocardiogram T wave abnormal: Electrocardiogram T wave abnormal, Electrocardiogram ST segment depression, Electrocardiogram T wave amplitude decreased
[12] Abdominal pain: Abdominal discomfort, Abdominal distension, Abdominal pain, Abdominal pain upper
[13] Hepatic enzymes increased: Alanine aminotransferase increased, Aspartate aminotransferase increased, Gamma-glutamyltransferase increased, Hepatic enzyme increased
[14] Musculoskeletal pain: Arthralgia, Back pain, Myalgia, Pain, Pain in extremity
[15] Fatigue: Asthenia, Fatigue, Muscular fatigue, Sluggishness

Adjunctive treatment of Major depressive disorder

The safety profile of cariprazine has been evaluated in around 1,800 cariprazine-treated patients with MDD in therapeutic dose range from 1.5 mg to 3 mg based on several short- term and one long-term clinical studies.

Table 4 Adverse drug reactions occurring in patients with major depressive disorder (MDD)

MedDRA System Organ Class	**Very common (≥ 1/10)**	**Common (≥ 1/100 to < 1/10)**	**Uncommon (≥ 1/1,000 to < 1/100)**
Metabolism and nutrition disorders		Weight increased Increased appetite	Dyslipidaemia[1] Hyperinsulinaemia[2] Decreased appetite
Psychiatric disorders		Cognitive disorder[3] Insomnia[4] Anxiety[5]	Sleep disorder[6] Libido decreased
Nervous system disorders	Akathisia[7]	Sedation[8] Parkinsonism[9] Dizziness Dystonia[10] Headache[11]	Dyskinesia Other EPS[12] Paraesthesia
Eye disorders		Vision blurred	Photophobia Dry eye
Ear and labyrinth disorders			Tinnitus Vertigo
Cardiac disorders			Tachycardia[13] Electrocardiogram QT prolonged Palpitations
Vascular disorders			Orthostatic hypotension[14] Hot flush
Respiratory,			Hiccups

thoracic and mediastinal disorders			
Gastrointestinal disorders		Constipation Nausea Dry mouth	Vomiting Gastrooesophageal reflux disease Gastritis Dysphagia Dyspepsia Flatulence
Skin and subcutaneous tissue disorders		Hyperhidrosis	Rash
Musculoskeletal and connective tissue disorders			Blood creatine phosphokinase increased Muscular weakness Musculoskeletal pain[15]
Renal and urinary disorders			Dysuria Pollakiuria
General disorders and administration site conditions		Fatigue[16]	Oedema Energy increased Thirst
Reproductive system and breast disorders			Erectile dysfuncion Ejaculation failure

[1]Dyslipidaemia: Blood cholesterol increased, Blood triglycerides increased, Dyslipidaemia
[2]Hyperinsulinaemia: Blood insulin increased, Hyperinsulinaemia
[3]Cognitive disorder: Disturbance in attention, Memory impairment, Thinking abnormal
[4]Insomnia: Initial insomnia, Insomnia, Middle insomnia, Terminal insomnia
[5]Anxiety: Anxiety, Feeling jittery, Irritability, Panic attack, Tension
[6]Sleep disorder: Abnormal dreams, Nightmare, Poor quality sleep, Sleep disorder
[7]Akathisia: Agitation, Akathisia, Restlessness
[8]Sedation: Hypersomnia, Sedation, Somnolence, Stupor
[9]Parkinsonism: Extrapyramidal disorder, Hypertonia, Muscle rigidity, Musculoskeletal stiffness, Myoclonus, Nuchal rigidity, Parkinsonism, Resting tremor, Tremor
[10]Dystonia: Blepharospasm, Dystonia, Muscle spasms, Muscle tightness, Oromandibular dystonia
[11]Headache: Headache, Head discomfort, Migraine, Tension headache
[12]Other EPS: Balance disorder, Muscle twitching, Restless legs syndrome
[13]Tachycardia: Heart rate increased, Tachycardia
[14]Orthostatic hypotension: Dizziness postural, Orthostatic hypotension
[15]Musculoskeletal pain: Myalgia, Musculoskeletal pain, Pain in extremity, Pain in jaw
[16]Fatigue: Asthenia, Fatigue

Description of selected adverse reactions

Lens opacity/Cataract
Development of cataracts was observed in cariprazine non-clinical studies (see section 4.3). Therefore, cataract formation was closely monitored with slit lamp examinations in the clinical studies and patients with existing cataracts were excluded. During the schizophrenia clinical development program of cariprazine, few cataract cases were reported, characterized with minor lens opacities with no visual impairment (13/3192; 0.4%). Some of these patients had confounding factors. The most commonly reported ocular adverse event was blurred vision (placebo: 1/683; 0.1%, cariprazine: 22/2048; 1.1%). In the short-term bipolar mania and depression studies the most commonly reported ocular adverse event was also blurred vision (placebo: 5/433; 1,2%, cariprazine 10/255; 3,9% and placebo 2/545; 0,4%, cariprazine 11/1014; 1,1% respectively). In the pooled mania studies the most commonly

reported ocular adverse event was also blurred vision (17/485; 3,5%). No adverse event of cataract in the therapeutic dose range were reported in bipolar mania nor in bipolar depression studies.
In the adjunctive treatment of MDD studies, the most commonly reported ocular adverse event was also blurred vision (placebo + ADT: 12/1108; 1.1%; cariprazine 1.5-3 mg + ADT 71/1822; 3.9%). No adverse event of cataract in the therapeutic dose range were reported in adjunctive treatment of MDD studies.

Extrapyramidal symptoms (EPS)
In the short-term schizophrenia studies the incidence of EPS was observed in 27%; 11.5%; 30.7% and 15.1% in patients treated with cariprazine, placebo, risperidone and aripiprazole respectively. Akathisia was reported in 13.6%; 5.1%; 9.3% and 9.9% in patients treated with cariprazine, placebo, risperidone and aripiprazole respectively. Parkinsonism was experienced in 13.6%; 5.7%; 22.1% and 5.3% in patients treated with cariprazine, placebo, risperidone and aripiprazole respectively. Dystonia was observed in 1.8%; 0.2%; 3.6% and 0.7% in patients on cariprazine, placebo, risperidone and aripiprazole, respectively.

In the placebo-controlled part of the long-term maintenance of effect study in schizophrenia EPS was 13.7% in the cariprazine group compared to 3.0% in the placebo treated patients. Akathisia was reported in 3.9% in patients treated with cariprazine, versus 2.0% in the placebo group. Parkinsonism was experienced in 7.8% and 1.0% in cariprazine and placebo group respectively.

In the schizophrenia negative symptom study EPS was reported in 14.3% in the cariprazine group and 11.7% in the risperidone treated patients. Akathisia was reported in 10.0% in patients treated with cariprazine and 5.2% in the risperidone group. Parkinsonism was experienced in 5.2% and 7.4% in cariprazine and risperidone treated patients respectively. Most EPS cases were mild to moderate in intensity and could be handled with common anti-EPS medicinal products. The rate of discontinuation due to EPS related ADRs was low.

In 3-week bipolar mania studies, the incidence of reported adverse drug reactions related to extrapyramidal symptoms (EPS), excluding akathisia and restlessness, was 27.5% for cariprazine-treated patients versus 11.3% for placebo treated patients. The incidence of akathisia and restlessness was 23.5% for cariprazine treated patients versus 5.5% for placebo-treated patients. The incidence of parkinsonism was 18.4% for cariprazine treated patients versus 8.6% for placebo treated patients.

In the controlled bipolar depression studies, the incidence of reported adverse drug reactions related to EPS was 16.3% for cariprazine-treated patients versus 7.3% for placebo-treated patients. Akathisia was reported in 13.4% in patients treated with cariprazine and 6.4% in the placebo group. Parkinsonism was experienced in 3.1% and 1.7% in cariprazine and placebo-treated patients respectively.

In the adjunctive treatment of MDD studies, the incidence of reported adverse drug reactions related to EPS (excluding akathisia and restlessness) was 7.3 % in the cariprazine 1.5-3 mg + ADT group versus 3.6% in the placebo + ADT group. The incidence of akathisia and restlessness was 18.5% in patients treated with cariprazine 1.5-3 mg + ADT and 4.1% in the placebo + ADT group. Parkinsonism was experienced in 4.5% and 1.8% in the cariprazine 1.5-3 mg + ADT and in the placebo + ADT group, respectively.

Venous thromboembolism (VTE)
Cases of VTE, including cases of pulmonary embolism and cases of deep vein thrombosis have been reported with antipsychotics - Frequency unknown.

Elevated liver transaminases
Elevated liver transaminases (Alanine aminotransferase [ALT], Aspartate aminotransferase [AST]) are frequently observed with antipsychotic treatment. In the cariprazine clinical studies in schizophrenia the incidence of ALT, AST elevation adverse events occurred in 2.2% of cariprazine-, 1.6% of risperidone- and 0.4% of placebo-treated patients. None of the cariprazine-treated patients had any liver damage.

In mania studies the incidence of hepatic enzymes increased related adverse events was 1.7% in cariprazine group and 1.2% in placebo group. In bipolar depression studies the incidence of hepatic enzymes increased related adverse events was 1.3% in cariprazine group and 0.7% in placebo group. In the adjunctive treatment of MDD studies, the incidence of hepatic enzymes increased related adverse events was 0.66% in the cariprazine 1.5-3 mg + ADT, and 1.35% in the placebo + ADT group.

Weight changes
In the short term studies in schizophrenia, there were slightly greater mean increases in body weight in the cariprazine group compared to the placebo group; 1 kg and 0.3 kg, respectively. In the long term maintenance of effect study in schizophrenia, there was no clinically relevant difference in change of body weight from baseline to end of treatment (1.1 kg for cariprazine and 0.9 kg for placebo). In the open-label phase of the study during 20 weeks cariprazine treatment 9.0% of patients developed potentially clinically significant (PCS) weight gain (defined as increase ≥ 7%) while during the double-blind phase, 9.8 % of the patients who continued with cariprazine treatment had PCS weight gain versus 7.1% of the patients who were randomized to placebo after the 20 week open-label cariprazine treatment. In the negative symptom study, the mean change of body weight was -0.3 kg for cariprazine and +0.6 kg for risperidone and PCS weight gain was observed in 6% of the cariprazine group while 7.4% of the risperidone group.
In short-term mania studies the mean change of body weight was similar in placebo and cariprazine group +0.2 kg and +0.5 kg respectively. In long-term mania study, the mean change from baseline to endpoint in body weight was approximately 1 kg. 9.3% of patients had PCS weight gain (≥ 7% increase from baseline) in the long-term mania study.

In bipolar depression studies the mean change of body weight was no clinically relevant difference in change of body weight from baseline to end of treatment (-0.1 kg for placebo, 0.7 kg for cariprazine 1.5 mg, and 0.4 kg for cariprazine 3 mg).

In the short-term adjunctive treatment of MDD studies, the mean change from baseline to end-of-double-blind treatment for weight was 0.84 kg and 0.22 kg in the cariprazine overall + ADT group and placebo + ADT group, respectively. In the long-term adjunctive treatment of MDD study, the mean change from baseline to end-of-open-label treatment for weight was 1.56 kg in the cariprazine overall + ADT group.

QT- prolongation
With cariprazine no QT interval prolongation was detected compared to placebo in a clinical study designed to assess QT prolongation (see section 4.1). In other clinical studies, only a few, non-serious, QT-prolongations have been reported with cariprazine. During the long-term, open-label treatment period in, 3 patients (0.4%) had QTcB > 500 msec, one of whom also had QTcF > 500 msec. A > 60 msec increase from baseline was observed in 7 patients (1%) for QTcB and in 2 patients (0.3%) for QTcF. In the long-term , maintenance of effect study in schizophrenia, during the open-label phase, > 60 msec increase of from baseline was observed in 12 patients (1.6%) for QTcB and in 4 patients (0.5%) for QTcF. During the double-blind treatment period, > 60 msec increases from baseline in QTcB were observed in 3 cariprazine-treated patients (3.1%) and 2 placebo-treated patients (2%).
In short-term mania studies one patient in the cariprazine group and 2 patients in the placebo group had a postbaseline QTcB interval value > 500 msec. No patient had a QTcF interval > 500 msec. In long-term mania studies, no cariprazine-treated patient had a postbaseline QTcB or QTcF interval > 500 msec. No serious adverse events associated with ECG findings were reported.

In bipolar depression studies few patients in both the cariprazine modal daily dose groups and the placebo treatment group had QTcB and QTcF increases > 60 msec from baseline to any time during the double-blind treatment period: overall cariprazine 0.9% (10/1167) versus placebo 0.4% (2/510) and overall cariprazine 0.2% (2/1167) versus placebo 0% (0/510), respectively.

In the short-term adjunctive treatment of MDD studies, the percentage of participants with a postbaseline QTcB interval increase > 60 msec was 0.4% in the cariprazine overall + ADT group and 0.3% in the placebo + ADT group. The percentages of participants with a postbaseline QTcF interval

increase > 60 msec were the same (0.1%) in these groups. In the long-term adjunctive treatment of MDD study, the percentages of participants with a postbaseline QTcB and QTcF interval increase > 60 msec were both 0.6% in the cariprazine overall + ADT group.

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:
Pusat Farmakovigilans/ MESO Nasional
Direktorat Pengawasan Keamanan, Mutu, dan Ekspor Impor Obat, Narkotika, Psikotropika, Prekursor dan Zat Adiktif
Badan Pengawas Obat dan Makanan
Jl. Percetakan Negara No.23, Jakarta Pusat, 10560
Email: pv-center@pom.go.id
Website: https://e-meso.pom.go.id/ADR

3.9 Overdose

Symptoms

Accidental acute overdose (48 mg/day) was reported in one patient. This patient experienced orthostasis and sedation. The patient fully recovered the same day.

Management of overdose

Management of overdose should concentrate on supportive therapy including maintenance of an adequate airway, oxygenation and ventilation and management of symptoms. Cardiovascular monitoring should commence immediately, including continuous electrocardiographic monitoring for possible arrhythmias. In case of severe extrapyramidal symptoms, anticholinergic medicinal products should be administered. Since cariprazine is highly bound to plasma proteins, haemodialysis is unlikely to be useful in the management of overdose. Close medical supervision and monitoring should continue until the patient recovers.
There is no specific antidote to cariprazine.

4. PHARMACOLOGICAL PROPERTIES

4.1 Pharmacodynamic properties

Pharmacotherapeutic group: Psycholeptics, other antipsychotics, ATC code: N05AX15

Mechanism of action

The mechanism of action of cariprazine is not fully known. However, the therapeutic effect of cariprazine may be mediated through a combination of partial agonist activity at dopamine D_3, D_2 (Ki values of 0.085-0.3 nM versus 0.49-0.71 nM respectively) and serotonin 5-HT_{1A} receptors (Ki values of 1.4-2.6 nM), and antagonist activity at serotonin 5-HT_{2B}, 5-HT_{2A} and histamine H_1 receptors (Ki values of 0.58-1.1 nM, 18.8 nM and 23.3 nM, respectively). Cariprazine has low affinity for serotonin 5-HT_{2C} and adrenergic α_1 receptors (Ki values of 134 nM and 155 nM, respectively). Cariprazine has no appreciable affinity for cholinergic muscarinic receptors (IC_{50} > 1000 nM). The two major active metabolites, desmethyl cariprazine and didesmethyl cariprazine have a similar *in vitro* receptor binding and functional activity profile as the parent drug.

Pharmacodynamic effects

In vivo non-clinical studies demonstrated that cariprazine occupies D_3 receptors to a similar extent as D_2 receptors at pharmacologically effective doses. There was a dose-dependent occupancy of brain dopamine D_3 and D_2 receptors (with preferential occupancy in regions with higher D_3 expression).

The effects of cariprazine on the QT interval were evaluated in patients with schizophrenia or schizoaffective disorder. Holter monitor-derived electrocardiographic assessments were obtained in 129 patients over a twelve hour period at baseline and steady state. No QT interval prolongation was detected following supratherapeutic doses (9 mg/day or 18 mg/day). No patients treated with cariprazine experienced QTc increases ≥ 60 msec from baseline, nor did any patient experience a QTc of > 500 msec in the study.

Clinical efficacy

Schizophrenia
Efficacy with short-term use
The efficacy of cariprazine for the treatment of acute schizophrenia was studied in three multi-center, multinational, randomized, double-blind, placebo-controlled 6-week studies including 1,754 patients with the age of 18 to 60 years. The primary endpoint was change from baseline to week 6 in the Positive and Negative Syndrome Scale (PANSS) total score and the secondary endpoint was change from baseline to week 6 in the Clinical Global Impressions-Severity (CGI-S) score in all acute schizophrenia studies. In a multinational placebo-controlled study using fixed doses of 1.5 mg, 3.0 mg and 4.5 mg cariprazine and 4.0 mg risperidone for assay sensitivity, all cariprazine doses and the active-control showed statistically significant improvement in both primary as well as secondary endpoint compared to placebo. In another multinational placebo-controlled study using fixed doses of 3.0 mg, and 6.0 mg cariprazine and 10 mg aripiprazole for assay sensitivity, both cariprazine doses and the active-control showed statistically significant improvement in both primary as well as secondary endpoint compared to placebo. In a third multinational placebo-controlled study using fixed/flexible doses of 3.0-6.0 mg and 6.0-9.0 mg cariprazine, both cariprazine doses groups showed statistically significant improvement in both primary as well as secondary endpoint compared to placebo.
Results for the primary outcome parameter are summarized in Table 5 below. Results for the secondary outcome parameter (CGI) and additional endpoints were supportive of the primary endpoint.

Table 5. Change from baseline to week 6 in the PANSS total score in studies of acute exacerbations of schizophrenia—ITT population

	Baseline Mean ± SD	***Change LS mean (SE)***	***Treatment difference versus placebo (95% CI)***	***P-value***
PANSS total (MMRM)				
RGH-MD-16 [1] (n=711)				
Placebo	97.3 ± 9.22	–13.29 (1.82)	—	—
Cariprazine 1.5 mg/day	97.1 ± 9.13	–21.27 (1.77)	–7.97 (–12.94, –3.01)	**0.0017**
Cariprazine 3 mg/day	97.2 ± 8.66	–21.45 (1.74)	–8.16 (–13.09, –3.22)	**0.0013**
Cariprazine 4.5 mg/day	96.7 ± 9.01	–23.77 (1.74)	–10.48 (–15.41, –5.55)	**< 0.0001**
Risperidone 4 mg/day	98.1 ± 9.50	–29.27 (1.74)	–15.98 (–20.91, –11.04)	< 0.0001*
RGH-MD-04 [2] (n=604)				
Placebo	96.5 ± 9.1	–14.3 (1.5)	—	—
Cariprazine 3 mg/day	96.1 ± 8.7	–20.2 (1.5)	–6.0 (–10.1, –1.9)	**0.0044**
Cariprazine 6 mg/day	95.7 ± 9.4	–23.0 (1.5)	–8.8 (–12.9, –4.7)	**< 0.0001**
Aripiprazole 10 mg/day	95.6 ± 9.0	–21.2 (1.4)	–7.0 (–11.0, –2.9)	0.0008*

RGH-MD-05 [3] (n=439)				
Placebo	96.6 ± 9.3	–16.0 (1.6)	—	—
Cariprazine 3 to 6 mg/day	96.3 ± 9.3	–22.8 (1.6)	–6.8 (–11.3, –2.4)	**0.0029**
Cariprazine 6 to 9 mg/day	96.3 ± 9.0	–25.9 (1.7)	–9.9 (–14.5, –5.3)	**< 0.0001**

CI = confidence interval; ITT = intent to treat; LS mean = least squares mean; PANSS = Positive and Negative Syndrome Scale.
*compared to placebo

Efficacy with long-term use
The efficacy of cariprazine for maintaining antipsychotic effect was investigated in a randomized-withdrawal, long-term clinical study. Totally, 751 patients with acute symptoms of schizophrenia received cariprazine 3-9 mg/day for 20 weeks, of whom 337 received cariprazine in the dose-range of 3 or 6 mg/day. Stabilized patients were then randomised to receive fixed doses of 3 or 6 mg cariprazine (n=51) or placebo (n=51) in a double-blind manner for up to 72 weeks. The primary outcome of the study was time to relapse. By the end of the study 49.0% of placebo-treated patients versus 21.6% of cariprazine-treated patients had a relapse of schizophrenic symptoms. Time to relapse (92 vs. 326 days-based on the 25th percentile) was therefore significantly longer in the cariprazine group than in the placebo group (p=0.009).

Efficacy in predominantly negative symptoms of schizophrenia
The efficacy of cariprazine for the treatment of predominantly negative symptoms of schizophrenia was investigated in a 26-week, multi-centre, double-blind, and active-controlled clinical study. Cariprazine (dose range 3-6 mg, target dose 4.5 mg) was investigated compared to risperidone (dose range 3-6 mg, target dose 4 mg) in patients with persistent, predominant negative symptoms of schizophrenia (n=461). 86% of patients were less than 55 years old, 54% of them were male.

Persistent predominant negative symptoms were defined as symptoms lasting for a period of at least 6 months with high level of negative symptoms and low level of positive symptoms [(PANSS factor score for negative symptoms ≥ 24, a score of ≥ 4 on a minimum 2 of the 3 PANSS items (N1: flat affect, N4: avolition, and N6: poverty of speech) and PANSS factor score for positive symptoms ≤ 19]. Patients with secondary negative symptoms, such as moderate to severe depressive symptoms and clinically relevant parkinsonism (EPS) were excluded.

Both cariprazine- and risperidone-treated patient groups have shown statistically significant improvement in the change from baseline for the primary efficacy parameter, PANSS factor score for negative symptoms (PANSS-FSNS) (p< 0.001). However, a statistically significant difference (p=0.002) in favour of cariprazine over risperidone was observed from Week 14 onward (Table 6). Both cariprazine- and risperidone-treated patient groups have shown statistically significant improvement in the change from baseline for the secondary efficacy parameter, Personal and Social Performance (PSP) total score (p< 0.001). However, a statistically significant difference (p< 0.001) in favour of cariprazine over risperidone was observed from Week 10 onward (*Table 6).*
Differences on the Clinical Global Impression Severity (p=0.005) and Improvement (p<0.001) scales, as well as PANSS-FSNS response rates (PANSS FSNS ≥ 30% improvement at Week 26; p= 0.003) were supportive of findings on the primary and secondary efficacy parameters.

Table 6 Summary of results in study RGH-188-005 [4]

Efficacy parameter	Cariprazine LS mean	Risperidone LS mean	Estimated treatment difference	95%CI	p-value
PANSS-FSNS at Baseline	27.8	27.5	-	-	-
PANSS-FSNS at Week 26	18.5	19.6	-	-	-
PANSS-FSNS CfB to Week 26	-8.9	-7.4	-1.5	-2.4; -0.5	0.002
Total PSP at Baseline	48.8	48.2	-	-	-
Total PSP at Week 26	64.0	59.7	-	-	-
Total PSP CfB to Week 26	14.3	9.7	4.6	2.7; 6.6	<0.001

CfB= change from baseline

Bipolar I disorder

Manic or mixed episodes associated with bipolar I disorder

The efficacy of cariprazine in the acute treatment of bipolar mania was established in three, 3-week placebo-controlled studies in patients (mean age of 39 years, range 18 to 65 years) including 492, 235 and 310 respectively, who met DSM-IV-TR criteria for bipolar I disorder with manic or mixed episodes with or without psychotic features. In all three studies, cariprazine was superior to placebo.

The Young Mania Rating Scale (YMRS) and Clinical Global Impressions-Severity scale (CGI-S) were used as the primary and secondary efficacy measures, respectively, for assessing psychiatric signs and symptoms in each trial.

In each study, the primary endpoint was decrease from baseline in YMRS total score at the end of week 3. The change from baseline for each cariprazine dose group was compared to placebo.

In one of the three placebo-controlled study involving two flexible-dose range groups of cariprazine (3 to 6 mg/day or 6 to 12 mg/day), both cariprazine dose groups were superior to placebo on the YMRS total score and the CGI-S. The 6 to 12 mg/day dose group showed no additional advantage. In another placebo-controlled study involving a flexible-dose range of cariprazine (3 to 12 mg/day), cariprazine was superior to placebo on the YMRS total score and the CGI-S. In the third 3-week, placebo-controlled study involving a flexible-dose range of cariprazine (3 to 12 mg/day), cariprazine was superior to placebo on the YMRS total score and the CGI-S.

The efficacy of cariprazine was established at doses ranging from 3 to 12 mg/day. Doses above 6 mg did not appear to have additional benefit over lower doses and there was a dose-related increase in certain adverse reactions. Therefore, the maximum recommended dose is 6 mg/day.

Table 7 Primary analysis results from manic or mixed episodes associated with bipolar I disorder studies

Study Number	Treatment Group (# ITT patients)	Primary Efficacy Endpoint: YMRS Total		
		Mean Baseline Score (SD)	LS Mean Change from Baseline (SE)	Placebo-subtracted Difference[a] (95% CI)
Study 4	Cariprazine (3-6 mg/day)* (n=165)	33.2 (5.6)	-18.6 (0.8)	-6.1 (-8.4, -3.8)
	Cariprazine (6-12 mg/day)*[b] (n=167)	32.9 (4.7)	-18.5 (0.8)	-5.9 (-8.2, -3.6)
	Placebo (n=160)	32.6 (5.8)	-12.5 (0.8)	--

Study 5	Cariprazine (3-12 mg/day)*[b] (n=118)	30.6 (5.0)	-15.0 (1.1)	-6.1 (-8.9, -3.3)
	Placebo (n=117)	30.2 (5.2)	-8.9 (1.1)	--
Study 6	Cariprazine (3-12 mg/day)*[b] (n=158)	32.3 (5.8)	-19.6 (0.9)	-4.3 (-6.7, -1.9)
	Placebo (n=152)	32.1 (5.6)	-15.3 (0.9)	--

ITT: intent-to-treat; SD: standard deviation; SE: standard error; LS Mean: least-squares mean; CI: unadjusted confidence interval
[a]Difference (drug minus placebo) in least-squares mean change from baseline
*Doses that are statistically significantly superior to placebo
[b]The maximum recommended daily dose is 6 mg. Doses above 6 mg daily do not confer increased effectiveness sufficient to outweigh dose-related adverse reactions.

Depressive episodes associated with bipolar I disorder (Bipolar depression)
The efficacy of cariprazine in the treatment of depressive episodes associated with bipolar I disorder (bipolar depression) was established in one 8-week and two 6-week fixed-dose placebo-controlled studies in patients (mean age of 41.6 years, range 18 to 65 years) including 571, 474 and 478 patients respectively, who met DSM-IV-TR or DSM-5 criteria for depressive episodes associated with bipolar I disorder.
In each study, the primary endpoint was change from baseline in Montgomery-Asberg Depression Rating Scale (MADRS) total score at the end of Week 6. The secondary endpoint was change from baseline to Week 6 in CGI-S.

In the 8-week, placebo-controlled study involving three-fixed doses of cariprazine (0.75 mg/day, 1.5 mg/day, and 3 mg/day), cariprazine 1.5 mg was superior to placebo at end of Week 6 on the MADRS total score and the CGI-S. In one of the 6-week, placebo-controlled studies, involving two-fixed doses of cariprazine (1.5 mg/day and 3 mg/day), cariprazine 1.5 mg and 3 mg were superior to placebo at end of Week 6 on the MADRS total score. In the other 6-week, placebo-controlled study involving two-fixed doses of cariprazine (1.5 mg/day and 3 mg/day), cariprazine 1.5 mg was superior to placebo at end of Week 6 on the MADRS total score and the CGI-S.
Examination of population subgroups based on age (there were few patients over 55), sex, and race did not suggest any clear evidence of differential responsiveness.

Table 8 Primary analysis results from bipolar depression studies

Study Number	**Treatment Group (# ITT patients)**	**Primary Efficacy Endpoint: MADRS Total**		
		Mean Baseline Score (SD)	**LS Mean Change from Baseline (SE)**	**Placebo-subtracted Difference[a] (95% CI)**
Study 7	Cariprazine (1.5 mg/day)* (n=145)	30.3 (4.4)	-15.1 (0.8)	-4.0 (-6.3, -1.6)
	Cariprazine (3 mg/day) (n=145)	30.6 (4.7)	-13.7 (0.9)	-2.5 (-4.9, -0.1)
	Placebo (n=141)	30.4 (4.6)	-11.1 (0.9)	

Study 8	Cariprazine (1.5 mg/day)* (n=154)	30.7 (4.3)	-15.1 (0.8)	-2.5 (-4.6, -0.4)
	Cariprazine (3 mg/day)* (n=164)	31.0 (4.9)	-15.6 (0.8)	-3.0 (-5.1, -0.9)
	Placebo (n=156)	30.2 (4.4)	-12.6 (0.8)	
Study 9	Cariprazine (1.5 mg/day)* (n=162)	31.5 (4.3)	-14.8 (0.8)	-2.5 (-4.6, -0.4)
	Cariprazine (3 mg/day) (n=153)	31.5 (4.8)	-14.1 (0.8)	-1.8 (-3.9, 0.4)
	Placebo (n=163)	31.4 (4.5)	-12.4 (0.8)	

ITT: intent-to-treat; SD: standard deviation; SE: standard error; LS Mean: least-squares mean; CI: confidence interval
[a]Difference (drug minus placebo) in least-squares mean change from baseline
*Doses that are statistically significantly superior to placebo

The results of the three clinical studies in patients with *Depressive Episodes Associated with Bipolar I Disorder (Bipolar Depression)* showed that the efficacy of cariprazine 1.5 mg was comparable to cariprazine 3 mg, although no statistical analysis was performed between the two strengths.
The results of study 9 showed that the efficacy of cariprazine 3 mg was not significantly different compared to placebo.

Adjunctive treatment of major depressive disorder
The efficacy of cariprazine as adjunctive therapy to antidepressants for the treatment of major depressive disorder (MDD) was evaluated in 2 studies in adult patients (mean age of 45 years, range 18 to 65 years; 72% were female; and 85% were Caucasian) who met DSM-IV-TR or DSM-5 criteria for MDD, with or without symptoms of anxiety, who had an inadequate response to 1 to 3 courses of prior antidepressant (ADT) therapy. Inadequate response during antidepressant treatment was defined as less than 50% improvement to antidepressant treatment of adequate dose and adequate duration.

In each study, the primary endpoint was change from baseline to Week 6 or Week 8 in the Montgomery-Asberg Depression Rating Scale (MADRS) total score, a 10-item clinician-rated scale used to assess the degree of depressive symptomatology, with 0 representing no symptoms and 60 representing worst symptoms.

In a 6-week, placebo-controlled study (N = 751) involving two fixed doses of cariprazine (1.5 mg per day or 3 mg per day) + ADT, cariprazine 1.5 mg + ADT was superior to placebo + ADT at end of Week 6 on the MADRS total score. The treatment effect in the cariprazine 3 mg per day + ADT group (vs. placebo + ADT) was not statistically significant.

An 8-week, placebo-controlled study (N = 808) involved flexible doses of cariprazine 1 to 2 mg per day + ADT or 2 to 4.5 mg per day + ADT. cariprazine 2 to 4.5 mg (mean dose was 2.6 mg) + ADT was superior to placebo + ADT at end of Week 8 on the MADRS total score. The treatment effect in the cariprazine 1 to 2 mg per day + ADT group (vs. placebo + ADT) was not statistically significant.

Results from the primary efficacy parameters for both studies (6-week and 8-week studies) are shown below in Table 9.

Table 9 Primary analysis results from adjunctive treatment of major depressive disorder studies

Study	Treatment Group (# ITT patients)	Primary Efficacy Endpoint:MADRS Total Score		
		Mean Baseline Score (SD)	LS Mean Change from Baseline (SE)	Placebo-subtracted Difference[a] (95% CI)
6-week, placebo-controlled study	Cariprazine (1.5 mg/day)+ADT* (n=250)	32.8 (5.0)	-14.1 (0.7)	-2.5(-4.2, -0.9)
	Cariprazine (3 mg/day)+ADT (n=252)	32.7 (4.9)	-13.1 (0.7)	-1.5 (-3.2, 0.1)
	Placebo+ADT (n=249)	31.9 (5.7)	-11.5 (0.7)	
8-week, placebo-controlled study	Cariprazine (1 to 2 mg/day)+ADT (n=273)	29.0 (4.3)	-13.4 (0.5)	-0.9 (-2.4, 0.6)
	Cariprazine (2 to 4.5 mg/day)+ADT* (n=271)	29.3 (4.1)	-14.6 (0.6)	-2.2 (-3.7, -0.6)
	Placebo + ADT (n=264)	28.9 (4.3)	-12.5 (0.5)	

SD: standard deviation; SE: standard error; LS Mean: least-squares mean; CI: unadjusted confidence interval
* Dosages statistically significantly superior to placebo
[a] Difference (drug minus placebo) in least-squares mean change from baseline

Examination of population subgroups based on age, sex, and race did not suggest any clear evidence of differential responsiveness.

4.2 Pharmacokinetic properties

Cariprazine has two pharmacologically active metabolites with similar activities as cariprazine, desmethyl cariprazine (DCAR) and didesmethyl cariprazine (DDCAR). Total cariprazine (sum of cariprazine + DCAR and DDCAR) exposure approaches 50% of steady state exposure in ~1 week of daily dosing while 90% of steady state is achieved in 3 weeks. At steady state, exposure to DDCAR is approximately two to three-fold higher than to cariprazine, and exposure to DCAR is approximately 30% of cariprazine exposure.

Absorption

Absolute bioavailability of cariprazine is unknown. Cariprazine is well absorbed after oral administration. Following multiple-dose administration, peak plasma concentrations for cariprazine and the major active metabolites generally occur at approximately 3-8 hours post dose. Administration of a single dose of 1.5 mg cariprazine with a high-fat meal (900 to 1,000 calories) did not significantly affect the C_{max} or AUC of cariprazine ($AUC_{0-\infty}$ increased by 12%, C_{max} decreased by < 5% under fed condition versus fasting). The effect of food on the exposure of the metabolites DCAR and DDCAR was also minimal.
Cariprazine can be administered with or without food.

Distribution

Based on a population pharmacokinetic analysis, the apparent volume of distribution (V/F) was 916 L for cariprazine, 475 L for DCAR and 1,568 L for DDCAR, indicating extensive distribution of cariprazine and its major active metabolites. Cariprazine and its major active metabolites are highly bound (96 to 97% for CAR, 94% to 97% for DCAR and 92% to 97% for DDCAR) to plasma proteins.

Biotransformation

The metabolism of cariprazine involves demethylation (DCAR and DDCAR), hydroxylation (hydroxy cariprazine, HCAR) and a combination of demethylation and hydroxylation (hydroxy desmethyl cariprazine, HDCAR and hydroxy didesmethyl cariprazine, HDDCAR). The metabolites of HCAR, HDCAR, and HDDCAR are subsequently biotransformed to their corresponding sulfate and glucuronide conjugates. An additional metabolite, desdichlorophenyl piperazine cariprazine (DDCPPCAR) acid, is produced by dealkylation and subsequent oxidation of cariprazine.
Cariprazine is metabolized by CYP3A4 and, to a lesser extent, by CYP2D6, to DCAR and HCAR. DCAR is further metabolized by CYP3A4 and to a lesser extent by CYP2D6 into DDCAR and HDCAR. DDCAR is further metabolised to HDDCAR by CYP3A4.

Cariprazine and its major active metabolites are not substrates of P-glycoprotein (P-gp), the organic anion transporting polypeptide 1B1 and 1B3 (OATP1B1 and OATP1B3), and the breast cancer resistance protein (BCRP). This suggests that an interaction of cariprazine with inhibitors of P-gp, OATP1B1, OATP1B3 and BCRP is unlikely.

Elimination

Elimination of cariprazine and its major active metabolites is mainly through hepatic metabolism. Following administration of 12.5 mg/day cariprazine, 20.8% of the dose was excreted in urine as cariprazine and its metabolites.
Unchanged cariprazine is excreted by 1.2% of the dose in urine and 3.7% of the dose in feces.

The mean terminal half-life (1 to 3 days for cariprazine and DCAR and 13 to 19 days for DDCAR) is not predictive of time to reach steady state or plasma concentration decline after treatment discontinuation. For the management of patients treated with cariprazine, the effective half-life is more relevant than the terminal half-life. The effective (functional) half-life is ~ 2 days for cariprazine and DCAR, 8 days for DDCAR and is ~1 week for total cariprazine. The plasma concentration of total cariprazine will gradually decline following dose discontinuation or interruption. The plasma concentration of total cariprazine decreases by 50% in ~1 week and greater than 90% decline in total cariprazine concentration occurs in ~3 weeks.

Linearity

After repeated administration plasma exposure of cariprazine and its two major active metabolites, desmethyl cariprazine (DCAR) and didesmethyl cariprazine (DDCAR), increases proportionally over the therapeutic dose range of 1.5 to 6 mg.

Special populations

Renal impairment
Population pharmacokinetic modelling was performed using data from patients enrolled in the cariprazine clinical program with differing levels of renal function, including normal renal function (creatinine clearance (CrCl) ≥ 90 mL/min), as well as mild (CrCl 60 to 89 mL/min) and moderate (CrCl 30 to 59 mL/min) renal impairment. No significant relationship was found between cariprazine plasma clearance and creatinine clearance.
Cariprazine has not been evaluated in patients with severe (CrCl < 30 mL/min) renal impairment (see section 3.2).

Hepatic impairment
A 2-part study (a single dose of 1 mg cariprazine [Part A] and a daily dose of 0.5 mg cariprazine for 14 days [Part B] was conducted in patients with varying degrees of impaired hepatic function (Child-Pugh Classes A and B). Compared to healthy subjects, patients with either mild or moderate hepatic impairment had up to approximately 25% higher exposure (C_{max} and AUC) for cariprazine and up to approximately 45% lower exposure for the major active metabolites, desmethyl cariprazine and didesmethyl cariprazine, following the single dose of 1 mg cariprazine or 0.5 mg cariprazine for 14 days.
The total active moiety (CAR+DCAR+DDCAR) exposure (AUC and C_{max}) decreased by 21-22% and

13-15% in mild or moderate hepatic impairment (HI), respectively, compared to healthy subjects if unbound + bound concentrations were considered, while for unbound total moiety a decrease of 12-13% and an increase of 20-25% were calculated in mild HI patients and in moderate HI patients, respectively, after multiple dosing of cariprazine.
Cariprazine has not been evaluated in patients with severe hepatic impairment (Child-Pugh Class C) (see section 3.2).

Age, gender and race
In the population PK analysis there were no clinically relevant differences in the PK parameters (AUC and C_{max} of the sum of cariprazine and its major active metabolites) based on age, gender and race. This analysis included 2,844 patients of different races, involving 536 patients between the ages of 50 and 65. Of the 2,844 patients 933 were female (see section 3.2). In elderly patients above 65 years of age data are limited.

Smoking status
Because cariprazine is not a substrate for CYP1A2, smoking is not expected to have an effect on the pharmacokinetics of cariprazine.

Potential for cariprazine to affect other medicinal products

Cariprazine and its major active metabolites did not induce CYP1A2, CYP2B6 and CYP3A4 enzymes and were not inhibitors of CYP1A2, CYP2A6, CYP2B6, CYP2C8, CYP2C9, CYP2C19, CYP2D6, CYP2E1 and CYP3A4 *in vitro*. Cariprazine and its major active metabolites are not inhibitors of transporters OATP1B1, OATP1B3, BCRP, organic cation transporter 2 (OCT2), and organic anion transporters 1 and 3 (OAT1 and OAT3) *in vitro*. DCAR and DDCAR were not inhibitors of transporter P-gp although cariprazine was a P-gp inhibitor in the intestine (see section 3.5).

4.3 Preclinical safety data

Cariprazine caused bilateral cataract and secondary retinal changes (retinal detachment and cystic degeneration) in the dog. The exposure (AUC of total cariprazine) at the no-observed-adverse-effect-level (NOAEL) for ocular toxicity is 4.2-fold the clinical AUC exposure at the maximal recommended human dose (MRHD) of 6 mg/day. Increased incidence of retinal degeneration/atrophy was observed in albino rats in the 2-year study at clinically relevant exposures.

Phospholipidosis was observed in the lungs of rats, dogs, and mice (with or without inflammation) and in the adrenal gland cortex of dogs at clinically relevant exposures. Inflammation was observed in the lungs of dogs dosed for 1 year with a NOAEL at AUC exposures 2.7 (males) and 1.7 (females) times the clinical exposure at the MRHD. No inflammation was observed at the end of 2-month drug-free period at an exposure 4.2 times the clinical exposure at the MRHD; however, inflammation was still present at higher doses.

Hypertrophy of the adrenal gland cortex was observed at 4.1 times the clinical exposure at the MRHD in rats (females only) and at clinically relevant total cariprazine plasma concentrations in mice. In dogs, reversible hypertrophy/hyperplasia and vacuolation/vesiculation of the adrenal gland cortex were observed with a NOAEL 4.2 times the clinical exposure at the MRHD.

In female rats, lower fertility and conception indices were observed at clinically relevant exposures based on mg/m^2 body surface area. No effects on male fertility were noted at exposures up to 4.3 times the clinical exposure at the MRHD.

Administration of cariprazine to rats during the period of organogenesis caused malformations, lower pup survival, and developmental delays at drug exposures less than the human exposure at the MRHD of 6 mg/day. In rabbits, cariprazine caused maternal toxicity, but no foetal toxicity at exposures 5.8 times the clinical exposure at the MRHD.

Administration of cariprazine to pregnant rats during the period of organogenesis, throughout pregnancy and lactation at clinically relevant exposures decreased postnatal survival, birth weight, and post-weaning body weight of first generation pups. In addition, pale, cold bodies and developmental delays (renal papillae not developed/underdeveloped and decreased auditory startle response in males) were observed in the absence of maternal toxicity. Reproductive performance of the first-generation pups was unaffected; however, second generation pups also had similar clinical signs and lower body weight.

Cariprazine and its metabolites were excreted in milk of rats during lactation.

5. PHARMACEUTICAL PARTICULARS

5.1 List of excipients

Capsule contents

Pregelatinized (maize) starch
Magnesium stearate

Capsule shell (1.5 mg capsule)

Titanium dioxide (E 171)
Gelatin

Capsule shell (3 mg capsule)

Allura red AC (E 129)
Brilliant blue FCF (E 133)
Titanium dioxide (E 171)
Yellow iron oxide (E 172)
Gelatin

Capsule shell (4.5 mg capsule)

Allura red AC (E 129)
Brilliant blue FCF (E 133)
Titanium dioxide (E 171)
Yellow iron oxide (E 172)
Gelatin

Capsule shell (6 mg capsule)

Brilliant blue FCF (E 133)
Allura red AC (E 129)
Titanium dioxide (E 171)
Gelatin

Printing ink (black: 1.5 mg, 3 mg and 6 mg capsules)

Shellac
Black iron oxide (E 172)
Propylene glycol
Potassium hydroxide

Printing ink (white: 4.5 mg capsule)

Shellac
Titanium dioxide (E 171)
Propylene glycol
Simeticone

5.2 Incompatibilities

Not applicable.

5.3 Shelf life

3 years

5.4 Special precautions for storage

Keep the blister in the outer carton in order to protect from light.
Do not store above 30°C.

5.5 Nature and contents of container

Transparent hard PVC/PE/PVDC blister heat-sealed with hard aluminium foil backing packed in folded carton box. Cartons contain 4 blisters @ 7 hard capsules.

5.6 Special precautions for disposal

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

6. PRODUCT REGISTRATION NUMBER

Symvenu® 1.5 mg : DKI2161300201A1
Symvenu® 3 mg : DKI2161300201B1
Symvenu® 4.5 mg : DKI2161300201C1
Symvenu® 6 mg : DKI2161300201D1

7. CAUTION

HARUS DENGAN RESEP DOKTER

Under license from:
Gedeon Richter Plc.
Budapest, Hungary

Manufactured by:
Gedeon Richter Plc.
Budapest, Hungary

Imported and Marketed by:
PT Mitsubishi Tanabe Pharma Indonesia
Bandung, Indonesia

Date of Package Insert
September 2025 (version 2.0)

Brosur: Informasi untuk pasien

Symvenu® 1,5 mg kapsul keras
Symvenu® 3 mg kapsul keras
Symvenu® 4,5 mg kapsul keras
Symvenu® 6 mg kapsul keras

cariprazine

Baca brosur ini dengan seksama sebelum Anda memulai meminum obat ini karena mengandung informasi penting untuk Anda
- Simpan brosur ini. Anda mungkin perlu untuk membacanya kembali.
- Jika Anda memiliki pertanyaan lebih lanjut, tanyakan kepada dokter atau apoteker Anda.
- Obat ini di resepkan hanya untuk Anda. Jangan berikan kepada orang lain karena dapat membahayakan mereka. Bahkan jika tanda - tanda penyakit mereka sama dengan Anda.
- Jika Anda mengalami efek samping, beritahukan dokter Anda. Ini termasuk efek samping yang mungkin terjadi dan tidak tercantum di dalam brosur ini. Lihat bagian 4.

Apa isi dari brosur ini

1. Apa itu Symvenu® dan untuk apa kegunaannya

Symvenu® mengandung zat aktif *cariprazine* dan termasuk kelompok obat yang disebut antipsikotik (golongan obat yang digunakan untuk penanganan gangguan mental). Ini digunakan untuk mengobati:
- Eksaserbasi akut atau kekambuhan skizofrenia pada orang dewasa.
  Skizofrenia adalah penyakit yang ditandai dengan gejala seperti mendengar, melihat atau merasakan hal-hal yang tidak ada (halusinasi), kecurigaan, keyakinan yang salah, berbicara dan perilaku yang kacau dan emosi yang datar. Orang dengan kondisi ini mungkin juga merasa tertekan, bersalah, cemas, tegang, atau tidak bisa memulai atau mengikuti kegiatan yang direncanakan, tidak mau berbicara, kurangnya respons emosional terhadap situasi yang biasanya akan merangsang perasaan pada orang lain.
- Episode depresi dan pengobatan jangka pendek episode manik atau campuran yang terjadi dengan gangguan bipolar I.
  Gangguan bipolar I adalah suatu kondisi yang menyebabkan periode perubahan parah pada suasana hati, tingkat aktivitas, energi, dan kemampuan untuk melakukan tugas sehari-hari. Perubahan ini biasanya disebut "episode suasana hati".
- Sebagai terapi tambahan antidepresan untuk pengobatan gangguan depresi mayor pada orang dewasa.
  Depresi adalah gangguan jiwa pada seseorang yang ditandai dengan perasaan yang merosot (seperti muram, sedih, perasaan tertekan). Disebut juga gangguan depresi mayor yaitu depresi paling parah dengan gejala (bertumpuknya masalah sehari-hari, pengalaman traumatis, dan sebagainya) saling berkombinasi atau depresi klinis merupakan serangkaian perilaku, pemikiran, dan emosi yang ditandai oleh rasa kesepian, tidak berharga, perfeksionis, cemas, merasa tidak dicintai, dan sebagainya.

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2. Apa yang perlu Anda ketahui sebelum Anda menggunakan Symvenu®

Jangan menggunakan Symvenu®

- Jika Anda alergi terhadap *cariprazine* atau salah satu dari bahan lain dari obat ini (tercantum di bagian 6)
- Jika Anda sedang mengkonsumsi obat-obatan yang digunakan untuk mengobati:
  - hepatitis yang disebabkan oleh virus hepatitis C (obat-obatan yang mengandung *boceprevir* dan *telaprevir*)
  - infeksi bakteri (obat-obatan yang mengandung *clarithromycin, telithromycin*, dan *nafcillin*)
  - tuberkulosis(obat-obatan yang mengandung *rifampicin*)
  - Infeksi HIV (obat-obatan yang mengandung *cobicistat, indinavir, nelfinavir, ritonavir*, *saquinavir, efavirenz* dan *etravirine*)
  - Infeksi jamur (obat-obatan yang mengandung *itraconazole, posaconazole, dan voriconazole*)
  - Sindrom Cushing - ketika tubuh memproduksi kortisol berlebih (obat-obatan yang mengandung *ketoconazole*)
  - Depresi (terapi herbal yang mengandung St. John's wort (Hypericum perforatum) dan obat-obatan yang mengandung *nefazodone*)
  - epilepsi dan kejang (obat-obatan yang mengandung *carbamazepine, phenobarbital* dan *phenytoin*)
  - kantuk (obat-obatan yang mengandung *modafinil*)
  - tekanan darah tinggi di paru-paru (obat-obatan yang mengandung *bosentan*).

Peringatan dan pencegahan

Beritahukan kepada dokter Anda dengan segera

- jika Anda memiliki pikiran atau perasaan tentang menyakiti diri sendiri atau melakukan bunuh diri. Pikiran dan perilaku bunuh diri lebih mungkin terjadi pada awal perawatan.
- jika Anda mengalami gejala-gejala ini secara bersamaan: demam, berkeringat, pernapasan lebih cepat, kekakuan otot dan mengantuk atau kantuk (mungkin ini adalah tanda-tanda sindrom neuroleptik maligna/ suatu sindrom yang terjadi akibat komplikasi serius dari penggunaan obat antipsikotik).

Bicaralah kepada dokter atau apoteker Anda sebelum menggunakan Symvenu®, atau selama perawatan jika Anda memiliki:

- pernah mengalami atau mulai mengalami kegelisahan dan ketidakmampuan untuk duduk diam. Gejala-gejala ini dapat terjadi awal selama perawatan dengan Symvenu®. Ceritakan kepada dokter Anda jika ini terjadi.
- pernah mengalami atau mulai mengalami gerakan abnormal, tidak disengaja, paling sering dari lidah atau wajah. Ceritakan kepada dokter Anda jika ini terjadi.
- gangguan penglihatan. Dokter Anda akan menyarankan Anda untuk mengunjungi dokter mata.
- detak jantung yang tidak teratur atau jika orang lain dalam keluarga Anda memiliki riwayat detak jantung yang tidak teratur (termasuk yang disebut perpanjangan QT, yaitu kelainan dalam siklus listrik jantung, terlihat dengan pemantauan rekam jantung). Perpanjangan interval QT dapat menyebabkan aritmia/gejala dari gangguan detak jantung yang mengancam jiwa dan beri tahu dokter Anda jika Anda mengonsumsi obat lain, karena mereka dapat menyebabkan atau memperburuk perubahan rekam jantung ini.
- tekanan darah tinggi atau rendah, penyakit kardiovaskular. Dokter Anda akan perlu memeriksa tekanan darah Anda secara teratur.
- pusing saat berdiri karena penurunan tekanan darah Anda, yang dapat menyebabkan pingsan.
- riwayat pembekuan darah, atau jika orang lain dalam keluarga Anda memiliki riwayat pembekuan darah, karena obat-obatan untuk skizofrenia telah dikaitkan dengan pembentukan gumpalan darah.

- riwayat stroke, terutama jika Anda berusia lanjut atau tahu bahwa Anda memiliki faktor risiko lain untuk stroke. Ceritakan kepada dokter Anda segera jika Anda melihat tanda-tanda stroke.
- demensia (kehilangan memori dan kemampuan mental lainnya) terutama jika Anda sudah tua.
- penyakit Parkinson (penyakit akibat kerusakan sel saraf secara bertahap pada otak bagian tengah yang berfungsi mengatur pergerakan tubuh).
- jika Anda memiliki diabetes atau faktor risiko diabetes (misalnya obesitas, atau orang lain di keluarga Anda menderita diabetes). Dokter Anda akan perlu memeriksa gula darah Anda secara teratur karena gula darah dapat ditingkatkan oleh Symvenu®. Tanda-tanda kadar gula darah tinggi adalah rasa haus yang berlebihan, mengeluarkan urin dalam jumlah banyak, meningkatkan nafsu makan dan merasa lemah.
- riwayat kejang (sawan) atau epilepsi.

Peningkatan berat badan
Symvenu® dapat menyebabkan peningkatan berat badan secara bermakna yang mempengaruhi kesehatan Anda. Oleh karena itu, dokter Anda akan memeriksa berat badan Anda secara teratur.

Anak-anak dan remaja
Obat ini tidak dianjurkan untuk anak – anak dan remaja di bawah umur 18 tahun karena kurangnya data pada pasien usia ini.

Obat - obatan lainnya dan Symvenu®
Ceritakanlah pada dokter atau apoteker Anda jika Anda baru saja menggunakan atau mungkin menggunakan obat lainya.
Anda tidak dapat meminum obat – obatan tertentu bersama dengan Symvenu® (lihat bagian " Jangan menggunakan Symvenu®)

Menggunakan Symvenu® bersama dengan beberapa obat mungkin memerlukan penyesuaian dosis Symvenu® atau obat lain. Obat-obat tersebut adalah obat yang digunakan untuk mengobati:
- penyakit jantung (misalnya *digoxin, verapamil, diltiazem*),
- pembekuan darah (pengencer darah, misalnya *dabigatran*)
- infeksi bakteri (misalnya *erythromycin*),
- infeksi jamur (misalnya *fluconazole*)

Symvenu® harus digunakan dengan hati-hati dalam kombinasi dengan obat-obatan lain yang mempengaruhi fungsi mental Anda.

Symvenu® dengan makanan, minuman dan alkohol
Anda tidak diperbolehkan meminum jus *grapefruit* selama pengobatan dengan Symvenu®.
Alkohol harus dihindari ketika meminum Symvenu®.

Kehamilan dan menyusui

Wanita yang memiliki potensi hamil/Kontrasepsi

Wanita yang berpotensi hamil harus menggunakan kontrasepsi yang efektif selama perawatan dengan Symvenu®. Bahkan setelah perawatan dihentikan, kontrasepsi harus digunakan setidaknya 10 minggu setelah dosis terakhir Symvenu® Anda. Hal ini karena obat akan tinggal di tubuh Anda untuk beberapa waktu setelah dosis terakhir yang digunakan.
Jika Anda menggunakan kontrasepsi hormonal maka kontrasepsi lain yang disebut metode penghalang (misal kondom atau diafragma) juga harus digunakan. Tanyakan kepada dokter Anda tentang pilihan kontrasepsi yang tepat.

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Kehamilan
Jangan minum obat ini selama hamil kecuali dokter Anda telah mengatakan kepada Anda untuk melakukannya.

Jika dokter Anda memutuskan bahwa Anda harus menggunakan obat ini selama hamil, maka dokter Anda akan memantau bayi Anda secara ketat setelah kelahiran. Hal ini karena gejala berikut dapat terjadi pada bayi yang baru lahir dari ibu yang telah menggunakan obat ini pada trimester terakhir (tiga bulan terakhir) dari kehamilan mereka:
- gemetar, kekakuan otot dan / atau kelemahan, kantuk, agitasi/gelisah, masalah pernapasan, dan kesulitan makan.
Jika bayi Anda mengalami gejala-gejala ini, Anda harus menghubungi dokter Anda.

Menyusui
Jangan menyusui jika Anda menggunakan Symvenu® karena risiko untuk bayi tidak dapat dikecualikan. Hubungi dokter Anda untuk meminta saran.

Mengemudi dan menggunakan mesin
Ada risiko kecil atau sedang bahwa obat dapat mempengaruhi kemampuan mengemudi dan menggunakan mesin. Rasa kantuk, pusing, dan gangguan penglihatan dapat terjadi selama perawatan dengan obat ini (lihat bagian 4). Jangan mengemudi atau menggunakan alat atau mesin apa pun sampai Anda tahu bahwa obat ini tidak mempengaruhi Anda dengan cara yang negatif.

Symvenu® 3 mg, 4,5 mg, kapsul keras 6 mg mengandung Allura red AC (E129).
Allura red AC adalah agen pewarna, yang dapat menyebabkan reaksi alergi.

3. Bagaimana cara menggunakan Symvenu®

Selalu gunakan obat ini sesuai dengan yang dikatakan dokter Anda. Tanyakan kepada dokter atau apoteker Anda jika Anda tidak yakin.

Schizophrenia
Dosis awal yang dianjurkan adalah 1,5 mg sekali sehari melalui mulut. Setelah itu, dosis dapat secara perlahan disesuaikan oleh dokter Anda, dengan tiap penambahan adalah 1,5 mg, tergantung pada bagaimana dosis itu bekerja untuk Anda.
Dosis maksimum tidak boleh melebihi 6 mg sekali sehari.

Episode manik atau campuran
Dosis awal yang dianjurkan adalah 1,5 mg sekali sehari melalui mulut. Pada hari berikutnya dosis ini harus ditingkatkan menjadi 3 mg. Tergantung pada bagaimana pengobatan ini bekerja pada Anda, dosis dapat disesuaikan secara perlahan oleh dokter Anda. Dosis maksimum tidak boleh melebihi 6 mg sekali sehari.

Episode depresi
Dosis yang dianjurkan adalah 1,5 mg sekali sehari melalui mulut. Jika pengobatan tidak membaik agar segera dihentikan.

Terapi tambahan gangguan depresi mayor
Dosis awal adalah 1,5 mg sekali sehari. Tergantung pada respon klinis dan tolerabilitas, dosis dapat ditingkatkan menjadi 3 mg sekali sehari pada hari ke-15. Dosis maksimum yang dianjurkan adalah 3 mg sekali sehari.
Gunakan Symvenu® pada waktu yang sama setiap hari dengan atau tanpa makanan.

Jika Anda menggunakan obat lain untuk mengobati skizofrenia sebelum memulai Symvenu®, dokter Anda akan memutuskan apakah akan menghentikan obat lain secara bertahap atau segera dan bagaimana menyesuaikan dosis Symvenu®. Dokter Anda juga akan memberitahu Anda bagaimana bertindak jika Anda beralih dari Symvenu® ke obat lain.

Pasien dengan masalah ginjal atau hati
Jika Anda memiliki masalah ginjal atau hati yang serius, Symvenu® mungkin tidak sesuai untuk Anda. Bicaralah dengan dokter Anda.

Pasien lansia
Dokter Anda akan secara hati-hati memilih dosis yang tepat untuk kebutuhan Anda.
Symvenu® sebaiknya tidak digunakan oleh pasien usia lanjut dengan demensia (kehilangan memori).

Jika Anda minum Symvenu® lebih dari yang seharusnya
Jika Anda telah menggunakan Symvenu® dengan dosis lebih banyak dari yang dianjurkan dokter Anda atau jika, misalnya, seorang anak telah salah menggunakannya, hubungi dokter Anda atau segera pergi ke rumah sakit terdekat dan bawa kemasan obatnya bersama Anda. Anda mungkin mengalami pusing karena tekanan darah rendah, atau mengalami detak jantung yang tidak normal, Anda mungkin merasa mengantuk, lelah, atau memiliki gerakan tubuh yang tidak normal dan sulit berdiri atau berjalan.

Jika Anda lupa untuk minum Symvenu®
Jika Anda lupa , minumlah segera setelah Anda mengingatnya. Namun, jika sudah hampir waktunya untuk dosis berikutnya, lewati dosis yang terlupakan dan lanjutkan seperti biasa.
Jangan menggunakan dosis ganda untuk mengganti dosis yang terlupakan.
Jika Anda melewatkan dua atau lebih dosis, hubungi dokter Anda.

Jika Anda berhenti minum Symvenu®
Jika Anda berhenti meminum obat ini, Anda akan kehilangan efek dari obat ini. Bahkan jika Anda merasa lebih baik, jangan mengubah atau menghentikan dosis harian Symvenu® Anda kecuali diminta untuk melakukannya oleh dokter Anda karena gejala Anda dapat timbul kembali.

Jika Anda memiliki pertanyaan lebih lanjut pada penggunaan obat ini, tanyakan kepada dokter Anda.

4. Kemungkinan efek samping

Seperti semua obat-obatan, obat ini dapat menyebabkan efek samping, meskipun tidak semua orang mengalaminya.

Schizophrenia

Ceritakanlah kepada dokter Anda **segera** jika Anda memiliki:
- reaksi alergi yang parah terlihat seperti demam, mulut bengkak, wajah, bibir atau lidah, sesak nafas, gatal, ruam kulit dan kadang-kadang tekanan darah menurun tiba-tiba. (Efek samping jarang)
- demam tinggi, kaku otot, kebingungan, berkeringat, perubahan denyut nadi, detak jantung, dan tekanan darah yang terjadi bersamaan. Ini bisa menjadi tanda-tanda yang disebut sindrom neuroleptik maligna. (Efek samping dengan frekuensi tidak diketahui)
- nyeri otot yang tidak dapat dijelaskan, kram otot atau kelemahan otot. Ini mungkin tanda-tanda kerusakan otot yang dapat menyebabkan masalah ginjal yang sangat serius. (Efek samping jarang)
- gejala yang berhubungan dengan pembekuan darah di pembuluh darah terutama di kaki (gejala termasuk pembengkakan, nyeri dan kemerahan di kaki), yang dapat berjalan melalui pembuluh darah ke paru-paru menyebabkan nyeri dada dan kesulitan bernafas. (Efek samping dengan

frekuensi tidak diketahui)
- pikiran atau perasaan tentang menyakiti diri sendiri atau melakukan bunuh diri, usaha bunuh diri. (Efek samping jarang)

Efek samping lain

Efek samping yang sangat umum (dapat mempengaruhi lebih dari 1 dalam 10 orang)

- Perasaan gelisah dan ketidakmampuan untuk duduk diam
- Parkinsonisme, yaitu kondisi medis dengan berbagai gejala yang meliputi gerakan yang menurun atau lambat, kelambatan pikiran, tersentak ketika membengkokkan anggota badan (kekakuan "cogwheel"/kekakuan yang khas terjadi pada dengan penyakit Parkinson), berjalan dengan kaki terseret, langkah, gemetar, sedikit atau tidak ada ekspresi wajah, kekakuan otot, meneteskan air liur

Efek samping yang umum (dapat mempengaruhi hingga 1 dari 10 orang)

- kecemasan
- kantuk, kesulitan tidur, mimpi abnormal, mimpi buruk, tidur sambil berjalan
- pusing
- gerakan memutar tanpa sadar dan postur aneh
- gertakan gigi yang berlebihan atau rahang mengepal, meneteskan air liur, berkedip terus-menerus sebagai respons terhadap penekanan pada dahi (refleks abnormal), masalah gerakan, gangguan gerakan lidah (ini disebut gejala ekstrapiramidal)
- penglihatan kabur
- tekanan darah tinggi
- detak jantung yang cepat dan tidak teratur
- menurunkan atau menambah nafsu makan
- mual, muntah, konstipasi
- berat badan meningkat
- kelelahan
- hal berikut dapat dilihat dalam tes laboratorium:
  - peningkatan enzim hati
  - meningkatkan kadar creatine phosphokinase dalam darah
  - jumlah lipid/lemak abnormal (misalnya kolesterol) dalam darah

Efek samping yang tidak umum (dapat mempengaruhi hingga 1 dari 100 orang)

- depresi
- kebingungan mendadak dan parah
- sensasi berputar
- perasaan sentuhan yang tidak menyenangkan dan tidak normal
- mengantuk, kurang energi atau kurangnya minat dalam melakukan sesuatu
- gerakan tak sadar, paling umum dari lidah atau wajah. Ini dapat muncul setelah penggunaan jangka pendek atau panjang.
- penurunan atau peningkatan hasrat seksual, masalah ereksi
- iritasi mata, tekanan bola mata meningkat, penglihatan yang buruk
- masalah pada fokus penglihatan pada jarak ke atau melihat dari dekat
- tekanan darah rendah
- pembacaan rekam jantung abnormal, impuls saraf abnormal di jantung
- detak jantung yang lambat dan tidak teratur
- cegukan

- mulas
- haus
- nyeri saat buang air kecil
- buang air kecil yang sering dan banyak
- gatal, ruam
- diabetes
- hal berikut dapat dilihat dalam tes laboratorium:
  - kadar natrium abnormal dalam darah
  - peningkatan glukosa darah (gula darah), peningkatan pigmen empedu (bilirubin) dalam darah
  - anemia (penurunan kadar sel darah merah)
  - peningkatan jenis sel darah putih
  - penurunan level hormon stimulasi tiroid (TSH), yaitu hormon yang berperan untuk merangsang kelenjar tiroid untuk menghasilkan hormon tiroid (hormon yang berfungsi untuk metabolisme/proses kimia dalam tubuh) dalam darah.

Efek samping yang jarang (dapat terjadi hingga pada 1 dari 1.000 orang)

- kejang
- kehilangan memori, kesulitan berbicara
- ketidaknyamanan mata dalam cahaya terang
- mengaburkan lensa di mata menyebabkan penurunan penglihatan (katarak)
- kesulitan menelan
- mengurangi tingkat jenis sel darah putih, ini dapat membuat Anda lebih rentan terhadap infeksi
- kelenjar tiroid yang kurang aktif

Efek samping dengan frekuensi yang tidak diketahui (frekuensi tidak dapat diperkirakan dari data yang tersedia)
- peradangan hati (nyeri di perut kanan atas, mata dan kulit menguning, kelemahan, demam)

<u>Episode manik atau campuran</u>

Efek samping yang sangat umum (dapat mempengaruhi lebih dari 1 dalam 10 orang)

- Perasaan gelisah dan ketidakmampuan untuk duduk diam
- Parkinsonisme, yaitu kondisi medis dengan berbagai gejala yang meliputi gerakan yang menurun atau lambat, langkah terseok, gemetar, sedikit atau tidak ada ekspresi wajah, otot dan sendi kaku.

Efek samping yang umum (dapat mempengaruhi hingga 1 dari 10 orang)

- kecemasan
- mengantuk kesulitan tidur, mimpi buruk
- sakit kepala
- pusing
- kekakuan otot, gerakan memutar tanpa sadar dan postur aneh, kontraksi otot tak disengaja pada wajah, rahang, dan / atau lidah, kontraksi abnormal atau kedutan pada kelopak mata
- gangguan keseimbangan, otot berkedut, mengeluarkan air liur, masalah pergerakan, dorongan tak tertahankan untuk menggerakkan kaki Anda (disebut gejala ekstrapiramidal)
- penglihatan kabur
- tekanan darah tinggi, tekanan darah rendah

- detak jantung yang cepat
- mual, muntah, konstipasi, gangguan pencernaan, mulut kering
- berat badan meningkat
- penurunan nafsu makan
- nyeri otot, nyeri sendi, nyeri leher
- kelelahan

Efek samping yang tidak umum (dapat mempengaruhi hingga 1 dari 100 orang)

- kebingungan
- sensasi berputar, telinga berdenging
- kurang energi atau kurangnya minat dalam melakukan sesuatu
- penurunan hasrat seksual
- kejang
- indra perasa yang berubah
- mata kering, ketidaknyamanan mata dalam cahaya terang
- pembacaan rekam jantung abnormal, abnormal, konduksi lambat di jantung
- sensasi panas pada tubuh (*hot flush)*
- cegukan
- kesulitan menelan
- buang angin
- sering buang air kecil dan besar secara tidak normal
- hal berikut dapat dilihat pada uji laboratorium:
  - peningkatan enzim hati
  - tes fungsi hati abnormal
  - peningkatan kreatin fosfokinase dalam darah

<u>Episode depresi</u>

Efek samping yang sangat umum (dapat mempengaruhi lebih dari 1 dalam 10 orang)

- Perasaan gelisah dan ketidakmampuan untuk duduk diam

Efek samping yang umum (dapat mempengaruhi hingga 1 dari 10 orang)

- kecemasan
- mengantuk, kesulitan tidur, mimpi abnormal, mimpi buruk
- pusing
- Parkinsonisme, yaitu kondisi medis dengan berbagai gejala yang meliputi gerakan yang menurun atau lambat, langkah terseok, gemetar, otot dan sendi kaku
- gertakan gigi yang berlebihan atau rahang mengepal, mengeluarkan air liur, dorongan tak tertahankan untuk menggerakkan kaki Anda (disebut gejala ekstrapiramidal)
- peningkatan nafsu makan
- peningkatan berat badan
- mual, muntah
- nyeri otot, nyeri sendi, nyeri punggung
- kelelahan

Efek samping yang tidak umum (dapat mempengaruhi hingga 1 dari 100 orang)

- energi meningkat

- pikiran untuk menyakiti diri sendiri atau bunuh diri
- pembacaan rekam jantung abnormal, gelombang T abnormal
- masalah ereksi, orgasme abnormal
- sensasi berputar
- kekakuan otot, kejang otot, kontraksi otot yang tidak disengaja, kontraksi abnormal atau kedutan pada kelopak mata
- gerakan otot yang tidak disengaja
- gangguan mental
- penglihatan kabur, ketidaknyamanan mata dalam cahaya terang
- sakit perut, sakit perut
- nyeri dan panas di dada, refluks asam lambung
- haus
- gatal
- otot lemah
- hal berikut dapat dilihat pada uji laboratorium:
  - peningkatan enzim hati
  - kadar lipid dalam darah abnormal (contohnya kolesterol)
  - peningkatan glukosa darah (gula darah), peningkatan kadar insulin dalam darah.

Terapi tambahan gangguan depresi mayor

Efek samping yang sangat umum (dapat mempengaruhi lebih dari 1 dalam 10 orang)
- perasaan gelisah dan ketidakmampuan untuk duduk diam

Efek samping yang umum (dapat mempengaruhi hingga 1 dari 10 orang)
- berat badan meningkat, nafsu makan meningkat
- gangguan dalam memperhatikan, gangguan ingatan, berpikir abnormal, kesulitan tidur, kecemasan
- efek menenangkan, mengantuk
- pusing
- Parkinsonisme, yaitu kondisi medis dengan berbagai gejala yang meliputi gerakan yang menurun atau lambat, langkah terseok, gemetar, sedikit atau tidak ada ekspresi wajah, otot dan sendi kaku.
- sakit kepala
- penglihatan kabur
- konstipasi, mual, mulut kering
- berkeringat
- kelelahan

Efek samping yang tidak umum (dapat mempengaruhi hingga 1 dari 100 orang)

- kesulitan tidur, mimpi abnormal, mimpi buruk
- penurunan nafsu makan
- penurunan hasrat seksual
- gerakan tak sadar, paling umum dari lidah atau wajah, gertakan gigi yang berlebihan atau rahang mengepal, meneteskan air liur, keinginan yang tak tertahankan untuk menggerakkan kaki (ini disebut gejala ekstrapiramidal)
- perasaan sentuhan yang tidak menyenangkan dan abnormal
- mata kering, ketidaknyamanan mata dalam cahaya terang
- sensasi berputar, telinga berdenging
- detak jantung yang cepat dan tidak teratur

- pembacaan rekam jantung abnormal, abnormal, konduksi lambat di jantung
- penurunan tekanan darah secara tiba-tiba saat berdiri dari posisi duduk atau tengkurap
- panas pada tubuh (*hot flush*)
- cegukan
- muntah
- maag, reflux asam lambung, sakit perut, nyeri perut, kesulitan menelan, peradangan pada lapisan perut
- buang angin
- ruam
- udem atau bengkak karena pemumpukan cairan yang terperangkap di jaringan tubuh
- kelemahan otot, nyeri otot
- nyeri saat buang air kecil, sering buang air kecil
- masalah ereksi, kegagalan ejakulasi
- haus
- energi meningkat
- berikut ini dapat dilihat pada pemeriksaan laboratorium :
  - peningkatan kadar kreatin fosfokinase dalam darah
  - jumlah lipid/lemak abnormal (misalnya kolesterol) dalam darah
  - peningkatan kadar insulin dalam darah

Pelaporan efek samping
Jika Anda mengalami efek samping, bicarakan dengan dokter Anda. Ini termasuk kemungkinan efek samping yang tidak tercantum dalam brosur ini.

Anda juga dapat melaporkan efek samping langsung melalui situs web kami https://mt-pharma-id.com/id/contact dan pilih subjek Pharmacovigilance.

Dengan melaporkan efek samping, Anda dapat membantu memberikan informasi lebih lanjut tentang keamanan obat ini.

5. Bagaimana cara menyimpan Symvenu®

Jauhkan obat ini dari pandangan dan jangkauan anak-anak.

Jangan gunakan obat ini setelah tanggal kedaluwarsa yang tercantum pada karton dan blister. Tanggal kadaluwarsa mengacu pada hari terakhir bulan itu.

Simpan blister di dalam karton/dus nya untuk melindungi dari cahaya.
Jangan simpan di atas 30°C

Jangan membuang obat apa pun melalui air limbah atau limbah rumah tangga. Tanyakan apoteker Anda bagaimana membuang obat-obatan yang tidak lagi Anda gunakan. Langkah-langkah ini akan membantu melindungi lingkungan.

6. Isi kemasan dan informasi lainnya

Apa kandungan Symvenu®

- Zat aktifnya adalah *cariprazine*.
  Symvenu® 1,5 mg: Setiap kapsul keras mengandung *cariprazine hidroklorida* yang setara dengan *cariprazine* 1,5 mg.

Symvenu® 3 mg: Setiap kapsul keras mengandung *cariprazine hidroklorida* yang setara dengan 3 mg *cariprazine*.
Symvenu® 4,5 mg: Setiap kapsul keras mengandung *cariprazine hidroklorida* yang setara dengan 4,5 mg *cariprazine*.
Symvenu® 6 mg: Setiap kapsul keras mengandung *cariprazine hidroklorida* yang setara dengan *cariprazine* 6 mg.

- Bahan lainnya adalah:
  Symvenu® 1,5 mg kapsul keras: pregelatinized (maize) starch, magnesium stearate, titanium dioxide (E 171), gelatin, black ink (shellac, black iron oxide (E 172), propylene glycol, potassium hydroxide).

  Symvenu® 3 mg kapsul keras: pregelatinized (maize) starch, magnesium stearate, allura red AC (E 129), brilliant blue FCF (E 133), titanium dioxide (E 171), yellow iron oxide (E 172), gelatin, black ink (shellac, black iron oxide (E 172), propylene glycol, potassium hydroxide).(Lihat juga bagian 2).

  Symvenu® 4,5 mg kapsul keras: pregelatinized (maize) starch, magnesium stearate, allura red AC (E 129), brilliant blue FCF (E 133), titanium dioxide (E 171), yellow iron oxide (E 172), gelatin, white ink (shellac, titanium dioxide (E 171), propylene glycol, simeticone).

  Symvenu® 6 mg kapsul keras: pregelatinized (maize) starch, magnesium stearate, brilliant blue FCF (E 133), allura red AC (E 129), titanium dioxide (E 171), gelatin, black ink (shellac, black iron oxide (E 172), propylene glycol, potassium hydroxide).

Seperti apa Symvenu® dan isi kemasannya

- Symvenu® 1,5 mg kapsul keras: ‘Ukuran 4’ (sekitar 14,3 mm) kapsul keras gelatin dengan tutup buram putih dan badan cangkang buram putih yang dicetak dengan “GR 1,5” pada badan cangkang kapsul dengan tinta hitam. Kapsul diisi dengan serbuk putih sampai putih kekuningan.

- Symvenu® 3 mg kapsul keras: ‘Ukuran 4’ (sekitar 14,3 mm) kapsul keras gelatin dengan tutup buram hijau dan badan cangkang buram putih yang tercetak dengan “GR 3” pada badan cangkang kapsul dengan tinta hitam. Kapsul diisi dengan serbuk putih sampai putih kekuningan.

- Symvenu® 4,5 mg kapsul keras: ‘Ukuran 4’ (sekitar 14,3 mm) kapsul keras gelatin dengan tutup buram hijau dan badan cangkang buram hijau yang dicetak dengan “GR 4,5” pada badan cangkang kapsul dengan tinta putih. Kapsul diisi dengan serbuk putih sampai putih kekuningan.

- Symvenu® 6 mg kapsul keras: ‘Ukuran 3’ (sekitar 15,9 mm panjang) kapsul gelatin keras dengan tutup ungu dan badan cangkang buram putih yang dicetak dengan “GR 6” pada badan cangkang kapsul dengan tinta hitam. Kapsul diisi dengan serbuk putih sampai putih kekuningan.

Kapsul dikemas dalam blister PVC / PE / PVDC transparan keras disegel dengan aluminium foil keras. Karton berisi 4 blister @ 7 kapsul.

7. NOMOR REGISTRASI PRODUK

Symvenu® 1.5 mg : DKI2161300201A1
Symvenu® 3 mg : DKI2161300201B1
Symvenu® 4.5 mg : DKI2161300201C1
Symvenu® 6 mg : DKI2161300201D1

8. PERINGATAN
HARUS DENGAN RESEP DOKTER

Pemegang Otorisasi Pemasaran dan Produsen
Di bawah lisensi dari:
Gedeon Richter Plc.
Budapest, Hungary

Diproduksi oleh:
Gedeon Richter Plc.
Budapest, Hungary

Diimpor dan dipasarkan oleh:
PT Mitsubishi Tanabe Pharma Indonesia
Bandung, Indonesia

Brosur ini terakhir direvisi pada:
Oktober 2025