

TASIMELTEON- tasimelteon capsule

Apotex Corp.

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use TASIMELTEON CAPSULES safely and effectively. See full prescribing information for TASIMELTEON CAPSULES.

TASIMELTEON capsules, for oral use

Initial U.S. Approval: 2014

INDICATIONS AND USAGE

Tasimelteon capsules are a melatonin receptor agonist.

Tasimelteon capsules are indicated for the treatment of

- Non 24-Hour Sleep-Wake Disorder (Non-24) in adults (1)

DOSAGE AND ADMINISTRATION

Indicated Population	Dosage Form	Body Weight	Recommended Dosage
Non-24 (2.2)			
Adults	Capsules	Not applicable	20 mg one hour prior to bedtime

- Tasimelteon capsules and tasimelteon oral suspension are not substitutable (2.1)
- Administer at the same time every night (2.2)
- Take without food (2.4)

DOSAGE FORMS AND STRENGTHS

Capsules: 20 mg (3)

CONTRAINDICATIONS

None (4)

WARNINGS AND PRECAUTIONS

May cause somnolence: After taking tasimelteon capsules, patients should limit their activity to preparing for going to bed, because tasimelteon capsules can impair the performance of activities requiring complete mental alertness (5.1)

ADVERSE REACTIONS

The most common adverse reactions (incidence >5% and at least twice as high on tasimelteon than on placebo) were headache, increased alanine aminotransferase, nightmares or unusual dreams, and upper respiratory or urinary tract infection (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Apotex Corp. at 1-800-706-5575 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- Strong CYP1A2 inhibitors (e.g., fluvoxamine): Avoid use of tasimelteon in combination with strong CYP1A2 inhibitors because of increased exposure (7.1, 12.3)
- Strong CYP3A4 inducers (e.g., rifampin): Avoid use of tasimelteon in combination with rifampin or other CYP3A4 inducers, because of decreased exposure (7.2, 12.3)

USE IN SPECIFIC POPULATIONS

- *Hepatic impairment*: Tasimelteon has not been studied in patients with severe hepatic impairment and is not recommended in these patients (8.6)

See 17 for PATIENT COUNSELING INFORMATION.

Revised: 11/2022

FULL PRESCRIBING INFORMATION: CONTENTS*

1 INDICATIONS AND USAGE

1.1 Non-24-Hour Sleep-Wake Disorder (Non-24)

2 DOSAGE AND ADMINISTRATION

2.1 Non-Interchangeability between Tasimelteon Capsules and Tasimelteon Oral Suspension

2.2 Recommended Dosage for Tasimelteon Capsules for Non-24

2.4 Important Administration Information

3 DOSAGE FORMS AND STRENGTHS

4 CONTRAINDICATIONS

5 WARNINGS AND PRECAUTIONS

5.1 Somnolence

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

7 DRUG INTERACTIONS

7.1 Strong CYP1A2 Inhibitors (e.g., fluvoxamine)

7.2 Strong CYP3A4 Inducers (e.g., rifampin)

7.3 Beta-Adrenergic Receptor Antagonists (e.g., acebutolol, metoprolol)

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

8.2 Lactation

8.4 Pediatric Use

8.5 Geriatric Use

8.6 Hepatic Impairment

8.7 Smokers

9 DRUG ABUSE AND DEPENDENCE

9.1 Controlled Substance

9.2 Abuse

9.3 Dependence

10 OVERDOSAGE

11 DESCRIPTION

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

12.2 Pharmacodynamics

12.3 Pharmacokinetics

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

14 CLINICAL STUDIES

14.1 Non-24-Hour Sleep-Wake Disorder (Non-24)

16 HOW SUPPLIED/STORAGE AND HANDLING

17 PATIENT COUNSELING INFORMATION

* Sections or subsections omitted from the full prescribing information are not listed.

FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

1.1 Non-24-Hour Sleep-Wake Disorder (Non-24)

Tasimelteon capsules are indicated for the treatment of Non-24 in adults.

2 DOSAGE AND ADMINISTRATION

2.1 Non-Interchangeability between Tasimelteon Capsules and Tasimelteon Oral Suspension

Tasimelteon capsules and tasimelteon oral suspension are not substitutable [see *Clinical Pharmacology (12.3)*].

2.2 Recommended Dosage for Tasimelteon Capsules for Non-24

Adults

The recommended dosage of tasimelteon capsules in adults is 20 mg one hour before bedtime, at the same time every night.

Because of individual differences in circadian rhythms, drug effect may not occur for weeks or months.

2.4 Important Administration Information

Administer tasimelteon capsules without food [see *Clinical Pharmacology (12.3)*].

If a patient is unable to take tasimelteon capsules at approximately the same time on a given night, they should skip that dose and take the next dose as scheduled.

3 DOSAGE FORMS AND STRENGTHS

Capsules: 20 mg hard gelatin capsule with dark blue, opaque body and dark blue, opaque cap. Imprinted "APO" and "TAS" over "20" in white ink.

4 CONTRAINDICATIONS

None.

5 WARNINGS AND PRECAUTIONS

5.1 Somnolence

After taking tasimelteon capsules, patients should limit their activity to preparing for going to bed. Tasimelteon capsules can potentially impair the performance of activities requiring complete mental alertness.

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in clinical practice.

More than 2080 subjects have been treated with at least one dose of tasimelteon, of which more than 380 have been treated for > 26 weeks and more than 170 have been treated for > 1 year.

Non-24-Hour Sleep-Wake Disorder (Non-24)

A 26-week, parallel-arm placebo-controlled study (Study 1) evaluated tasimelteon (n=42) compared to placebo (n=42) in patients with Non-24. A randomized-withdrawal, placebo-controlled study of 8 weeks duration (Study 2) also evaluated tasimelteon (n=10), compared to placebo (n=10), in patients with Non-24.

In placebo-controlled studies, 6% of patients exposed to tasimelteon discontinued treatment due to an adverse event, compared with 4% of patients who received placebo.

Table 2 shows the incidence of adverse reactions from Study 1.

Table 2: Adverse Reactions in Study 1

	Tasimelteon N=42	Placebo N=42
Headache	17 %	7 %
Alanine aminotransferase increased	10 %	5 %
Nightmare/abnormal dreams	10 %	0 %
Upper respiratory tract infection	7 %	0 %
Urinary tract infection	7 %	2 %

*Adverse reactions with an incidence > 5% and at least twice as high on tasimelteon than on placebo are displayed.

7 DRUG INTERACTIONS

7.1 Strong CYP1A2 Inhibitors (e.g., fluvoxamine)

Avoid use of tasimelteon in combination with fluvoxamine or other strong CYP1A2 inhibitors because of a potentially large increase in tasimelteon exposure and greater risk of adverse reactions [see *Clinical Pharmacology (12.3)*].

7.2 Strong CYP3A4 Inducers (e.g., rifampin)

Avoid use of tasimelteon in combination with rifampin or other CYP3A4 inducers because of a potentially large decrease in tasimelteon exposure with reduced efficacy [see *Clinical Pharmacology (12.3)*].

7.3 Beta-Adrenergic Receptor Antagonists (e.g., acebutolol, metoprolol)

Beta-adrenergic receptor antagonists have been shown to reduce the production of melatonin via specific inhibition of beta-1 adrenergic receptors. Nighttime administration of beta-adrenergic receptor antagonists may reduce the efficacy of tasimelteon.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

Available postmarketing case reports with tasimelteon use in pregnant women are not sufficient to evaluate drug-associated risk of major birth defects, miscarriage or adverse maternal or fetal outcomes. In pregnant rats, no embryofetal developmental toxicity was observed at exposures of 50 mg/kg/day, or up to 24 times higher than the human exposure at the maximum recommended human dose (MRHD) (see Data).

The estimated background risk of major birth defects and miscarriage for the indicated populations are unknown. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively.

Data

Animal Data

In pregnant rats administered tasimelteon at oral doses of 5, 50, or 500 mg/kg/day during the period of organogenesis, there were no effects on embryofetal development. The highest dose tested is approximately 240 times the MRHD of 20 mg/day, based on mg/m² body surface area.

In pregnant rabbits administered tasimelteon at oral doses of 5, 30, or 200 mg/kg/day during the period of organogenesis, embryoletality and embryofetal toxicity (reduced fetal body weight and delayed ossification) were observed at the highest dose tested. The highest dose is approximately 200 times the MRHD.

Oral administration of tasimelteon at 50, 150, or 450 mg/kg/day to rats throughout organogenesis resulted in persistent reductions in body weight, delayed sexual maturation, and physical development, and neurobehavioral impairment in offspring at the highest dose tested which is approximately 220 times the MRHD based on mg/m² body surface area. Reduced body weight in offspring was also observed at the mid-dose. The no effect dose (NOEL), (50 mg/kg/day) is approximately 25 times the MRHD based on mg/m² body surface area.

8.2 Lactation

Risk Summary

There are no data on the presence of tasimelteon or its metabolites in human or animal milk, the effects on the breastfed infant, or the effects on milk production. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for tasimelteon and any potential adverse effects on the breastfed infant from tasimelteon or from the underlying maternal condition.

8.4 Pediatric Use

Safety and effectiveness of tasimelteon capsules for the treatment of Non-24 in pediatric patients have not been established.

Juvenile Animal Toxicity Data

Juvenile rats received oral doses of tasimelteon at 50, 150, or 450 mg/kg from weaning (day 21) through adulthood (day 90). These doses are approximately 12 to 108 times the maximum recommended human dose (MRHD) of 20 mg based on a mg/m^2 body surface area. Toxicity was observed mainly at the highest dose and included mortality (females only), tremors, unsteady gait, decrease in growth and development compared to controls. The former reflected as decreases in bone growth, bone mineral content, bone ossification, and a delay in attainment of sexual maturation. Tasimelteon had no effect on fertility, reproduction, or learning and memory. The No Observed Adverse Effect Level (NOAEL) is 150 mg/kg/day, which is approximately 178 times the MRHD based on AUC.

8.5 Geriatric Use

The risk of adverse reactions may be greater in elderly (>65 years) patients than younger patients because exposure to tasimelteon is increased by approximately 2-fold compared with younger patients.

8.6 Hepatic Impairment

Dose adjustment is not necessary in patients with mild or moderate hepatic impairment. Tasimelteon has not been studied in patients with severe hepatic impairment (Child-Pugh Class C). Therefore, tasimelteon is not recommended for use in patients with severe hepatic impairment [see *Clinical Pharmacology (12.3)*].

8.7 Smokers

Smoking causes induction of CYP1A2 levels. The exposure of tasimelteon in smokers was lower than in non-smokers and therefore the efficacy of tasimelteon may be reduced in smokers [see *Clinical pharmacology (12.3)*].

9 DRUG ABUSE AND DEPENDENCE

9.1 Controlled Substance

Tasimelteon is not a controlled substance under the Controlled Substances Act.

9.2 Abuse

Tasimelteon did not produce any abuse-related signals in animal behavioral studies. Rats did not self-administer tasimelteon, suggesting that the drug does not have rewarding properties. There were also no signs or symptoms indicative of abuse potential in clinical studies with tasimelteon.

9.3 Dependence

Discontinuation of tasimelteon in humans following chronic administration did not produce withdrawal signs. Tasimelteon does not appear to produce physical dependence.

10 OVERDOSAGE

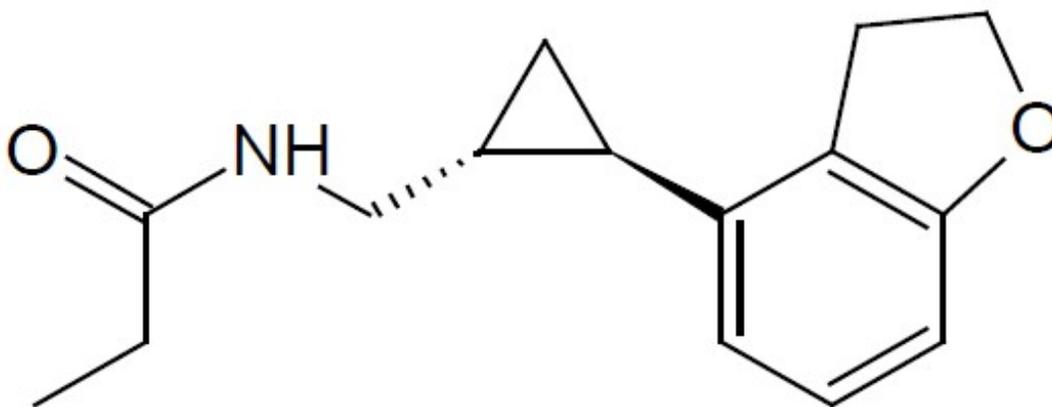
There is limited premarketing clinical experience with the effects of an overdose of tasimelteon. As with the management of any overdose, general symptomatic and supportive measures should be used, along with immediate gastric lavage where appropriate. Intravenous fluids should be administered as needed. Respiration, pulse, blood pressure, and other appropriate vital signs should be monitored, and general supportive measures employed.

While hemodialysis was effective at clearing tasimelteon and the majority of its major metabolites in patients with renal impairment, it is not known if hemodialysis will effectively reduce exposure in the case of overdose.

As with the management of any overdose, the possibility of multiple drug ingestion should be considered. Contact a poison control center for current information on the management of overdose.

11 DESCRIPTION

Tasimelteon is a melatonin receptor agonist, chemically designated as (1*R-trans*)-*N*-[[2-(2,3-Dihydrobenzofuran-4-yl)cycloprop-1-yl]methyl]propanamide, containing two chiral centers. The molecular formula is C₁₅H₁₉NO₂, and the molecular weight is 245.32 g/mol. The structural formula is:



Tasimelteon is a white to off-white powder. It is very slightly soluble in cyclohexane, slightly soluble in water and freely soluble or very soluble in methanol, 95% ethanol, acetonitrile, isopropanol, propylene glycol and ethyl acetate.

Tasimelteon capsules are intended for oral administration. Each capsule contains 20 mg of tasimelteon and the following inactive ingredients: colloidal silicon dioxide, croscarmellose sodium, magnesium stearate, and microcrystalline cellulose. Each hard gelatin capsule consists of FD&C Blue #1, FD&C Red #3, and FD&C Yellow #6, gelatin and titanium dioxide. The imprinting ink consists of povidone, propylene glycol, shellac, sodium hydroxide and titanium dioxide.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

The mechanism by which tasimelteon exerts its therapeutic effect in patients with Non-24 is unclear. However, tasimelteon is an agonist at melatonin MT₁ and MT₂ receptors which are thought to be involved in the control of circadian rhythms.

12.2 Pharmacodynamics

Tasimelteon is an agonist at MT₁ and MT₂ receptors with greater affinity for the MT₂ as compared to the MT₁ receptor ($K_i = 0.304$ nM and 0.07 nM, respectively). The major metabolites of tasimelteon have less than one-tenth of the binding affinity of the parent molecule for both the MT₁ and MT₂ receptors.

12.3 Pharmacokinetics

The pharmacokinetics of tasimelteon is linear over doses ranging from 3 to 300 mg (0.15 to 15 times the recommended daily dosage). The pharmacokinetics of tasimelteon and its metabolites did not change with repeated daily dosing.

Absorption

The absolute oral bioavailability is 38.3%. The peak concentration (T_{max}) of tasimelteon capsule occurred approximately 0.5 to 3 hours after fasted oral administration.

Effect of food

When administered with a high-fat meal, the C_{max} of tasimelteon was 44% lower than when given in a fasted state, and the median T_{max} was delayed by approximately 1.75 hours. Therefore, tasimelteon capsules should be taken without food.

Distribution

The apparent oral volume of distribution of tasimelteon at steady state in young healthy subjects is approximately 59 to 126 L. At therapeutic concentrations, tasimelteon is about 90% bound to proteins.

Metabolism

Tasimelteon is extensively metabolized. Metabolism of tasimelteon consists primarily of oxidation at multiple sites and oxidative dealkylation resulting in opening of the dihydrofuran ring followed by further oxidation to give a carboxylic acid. CYP1A2 and CYP3A4 are the major isozymes involved in the metabolism of tasimelteon.

Phenolic glucuronidation is the major phase II metabolic route.

Major metabolites had 13-fold or less activity at melatonin receptors compared to tasimelteon.

Elimination

Following oral administration of radiolabeled tasimelteon, 80% of total radioactivity was excreted in urine and approximately 4% in feces, resulting in a mean recovery of 84%. Less than 1% of the dose was excreted in urine as the parent compound.

The observed mean elimination half-life for tasimelteon is 1.3 ± 0.4 hours. The mean terminal elimination half-life \pm standard deviation of the main metabolites ranges from 1.3 ± 0.5 to 3.7 ± 2.2 .

Repeated once daily dosing with tasimelteon does not result in changes in pharmacokinetic parameters or significant accumulation of tasimelteon.

Studies in Specific Populations

Elderly

In elderly subjects, tasimelteon exposure increased by approximately two-fold compared with non-elderly adults.

Gender

The mean overall exposure of tasimelteon was approximately 20 to 30% greater in female than in male subjects.

Race

The effect of race on exposure of tasimelteon was not evaluated.

Hepatic Impairment

The pharmacokinetic profile of a 20 mg dose of tasimelteon was compared among eight subjects with mild hepatic impairment (Child-Pugh Score ≥ 5 and ≤ 6 points), eight subjects with moderate hepatic impairment (Child-Pugh Score ≥ 7 and ≤ 9 points), and 13 healthy matched controls. Tasimelteon exposure was increased less than two-fold in subjects with moderate hepatic impairment. Therefore, no dose adjustment is needed in patients with mild or moderate hepatic impairment. Tasimelteon has not been studied in patients with severe hepatic impairment (Child-Pugh Class C) and is not recommended in these patients.

Renal Impairment

The pharmacokinetic profile of a 20 mg dose of tasimelteon was compared among eight subjects with severe renal impairment (estimated glomerular filtration rate [eGFR] ≤ 29 mL/min/1.73m²), eight subjects with end-stage renal disease (ESRD) (GFR < 15 mL/min/1.73m²) requiring hemodialysis, and sixteen healthy matched controls. There was no apparent relationship between tasimelteon CL/F and renal function, as measured by either estimated creatinine clearance or eGFR. Subjects with severe renal impairment had a 30% lower clearance, and clearance in subjects with ESRD was comparable to that of healthy subjects. No dose adjustment is necessary for patients with renal impairment.

Smokers (smoking is a moderate CYP1A2 inducer)

Tasimelteon exposure decreased by approximately 40% in smokers, compared to non-smokers [see *Use in Specific Populations (8.7)*].

Drug Interaction Studies

No potential drug interactions were identified in *in vitro* studies with CYP inducers or inhibitors of CYP1A1, CYP1A2, CYP2B6, CYP2C9/2C19, CYP2E1, CYP2D6, and transporters including P-glycoprotein, OATP1B1, OATP1B3, OCT2, OAT1, and OAT3.

Effect of Other Drugs on Tasimelteon

Drugs that inhibit CYP1A2 and CYP3A4 are expected to alter the metabolism of tasimelteon.

Fluvoxamine (strong CYP1A2 inhibitor): the AUC_{0-inf} and C_{max} of tasimelteon increased by 7-fold and 2-fold, respectively, when co-administered with fluvoxamine 50 mg (after 6 days of fluvoxamine 50 mg per day) [see *Drug Interactions (7.1)*].

Ketoconazole (strong CYP3A4 inhibitor): tasimelteon exposure increased by approximately 50% when co-administered with ketoconazole 400 mg (after 5 days of ketoconazole 400 mg per day) [see *Drug Interactions (7.2)*].

Rifampin (strong CYP3A4 and moderate CYP2C19 inducer): the exposure of tasimelteon decreased by approximately 90% when co-administered with rifampin 600 mg (after 11 days of rifampin 600 mg per day). Efficacy may be reduced when tasimelteon is used in combination with strong CYP3A4 inducers, such as rifampin [see *Drug Interactions (7.2)*].

Effect of Tasimelteon on Other Drugs

Midazolam (CYP3A4 substrate): Administration of tasimelteon capsules 20 mg once a day for 14 days did not produce any significant changes in the T_{max} , C_{max} , or AUC of midazolam or 1-OH midazolam. This indicates there is no induction of CYP3A4 by tasimelteon at this dose.

Rosiglitazone (CYP2C8 substrate): Administration of tasimelteon capsules 20 mg once a day for 16 days did not produce any clinically significant changes in the T_{max} , C_{max} , or AUC of rosiglitazone after oral administration of 4 mg. This indicates that there is no induction of CYP2C8 by tasimelteon at this dose.

Effect of Alcohol on Tasimelteon

In a study of 28 healthy volunteers, a single dose of ethanol (0.6 g/kg for women and 0.7 g/kg for men) was co-administered with a 20 mg dose of tasimelteon. There was a trend for an additive effect of tasimelteon and ethanol on some psychomotor tests.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenesis

Tasimelteon was administered orally for up to two years to mice (30, 100, and 300 mg/kg/day) and rats (20, 100, and 250 mg/kg/day). No evidence of carcinogenic potential was observed in mice; the highest dose tested is approximately 75 times the maximum recommended human dose (MRHD) of 20 mg/day, based on a mg/m^2 body surface area. In rats, the incidence of liver tumors was increased in males (adenoma and carcinoma) and females (adenoma) at 100 and 250 mg/kg/day; the incidence of tumors of the uterus (endometrial adenocarcinoma) and uterus and cervix (squamous cell carcinoma) were increased at 250 mg/kg/day. There was no increase in tumors at the lowest dose tested in rats, which is approximately 10 times the MRHD based on a mg/m^2 body surface area.

Mutagenesis

Tasimelteon was negative in an *in vitro* bacterial reverse mutation (Ames) assay, an *in*

in vitro cytogenetics assay in primary human lymphocytes, and an *in vivo* micronucleus assay in rats.

Impairment of Fertility

When male and female rats were given tasimelteon at oral doses of 5, 50, or 500 mg/kg/day prior to and throughout mating and continuing in females to gestation day 7, estrus cycle disruption and decreased fertility were observed at all but the lowest dose tested. The no-effect dose for effects on female reproduction (5 mg/kg/day) is approximately 2 times the MRHD based on a mg/m² body surface area.

14 CLINICAL STUDIES

14.1 Non-24-Hour Sleep-Wake Disorder (Non-24)

The effectiveness of tasimelteon in the treatment of Non-24-Hour Sleep-Wake Disorder (Non-24) was established in two randomized double-masked, placebo-controlled, multicenter, parallel-group studies (Studies 1 and 2) in totally blind patients with Non-24.

In study 1, 84 patients with Non-24 (median age 54 years) were randomized to receive tasimelteon capsules 20 mg or placebo, one hour prior to bedtime, at the same time every night for up to 6 months.

Study 2 was a randomized withdrawal trial in 20 patients with Non-24 (median age 55 years) that was designed to evaluate the maintenance of efficacy of tasimelteon after 12-weeks. Patients were treated for approximately 12 weeks with tasimelteon capsules 20 mg one hour prior to bedtime, at the same time every night. Patients in whom the calculated time of peak melatonin level (melatonin acrophase) occurred at approximately the same time of day (in contrast to the expected daily delay) during the run-in phase were randomized to receive placebo or continue treatment with tasimelteon capsules 20 mg for 8 weeks.

Study 1 and Study 2 evaluated the duration and timing of nighttime sleep and daytime naps via patient-recorded diaries. During Study 1, patient diaries were recorded for an average of 88 days during screening, and 133 days during randomization. During Study 2, patient diaries were recorded for an average of 57 days during the run-in phase, and 59 days during the randomized-withdrawal phase.

Because symptoms of nighttime sleep disruption and daytime sleepiness are cyclical in patients with Non-24, with severity varying according to the state of alignment of the individual patient's circadian rhythm with the 24-hour day (least severe when fully aligned, most severe when 12 hours out of alignment), efficacy endpoints for nighttime total sleep time and daytime nap duration were based on the 25% of nights with the least nighttime sleep, and the 25% of days with the most daytime nap time. In Study 1, patients in the tasimelteon group had, at baseline, an average 195 minutes of nighttime sleep and 137 minutes of daytime nap time on the 25% of most symptomatic nights and days, respectively. Treatment with tasimelteon resulted in a significant improvement, compared with placebo, for both of these endpoints in Study 1 and Study 2 (see Table 3).

Table 3: Effects of Tasimelteon Capsules 20 mg on Nighttime Sleep Time and Daytime Nap Time in Study 1 and Study 2

Change from Baseline	Study 1		Study 2	
	Tasimelteon Capsules 20 MG N=42	Placebo N=42	Tasimelteon Capsules 20 MG N=10	Placebo N=10
Nighttime sleep time on 25% most symptomatic nights (minutes)	50	22	-7	-74
Daytime nap time on 25% most symptomatic days (minutes)	-49	-22	-9	50

A responder analysis of patients with both ≥ 45 minutes increase in nighttime sleep and ≥ 45 minutes decrease in daytime nap time was conducted in Study 1: 29% (n=12) of patients treated with tasimelteon, compared with 12% (n=5) of patients treated with placebo met the responder criteria.

16 HOW SUPPLIED/STORAGE AND HANDLING

Tasimelteon 20 mg capsules are available as hard gelatin capsules with dark blue, opaque body and dark blue, opaque cap. Imprinted "APO" and "TAS" over "20" in white ink.

Bottles of 30 NDC 60505-4665-3

Bottles of 90 NDC 60505-4665-9

Storage and Handling

Store tasimelteon capsules at 20°C to 25°C (68°F to 77°F); excursions permitted from 15°C to 30°C (59°F to 86°F) [see USP Controlled Room Temperature]. Protect from exposure to light and moisture.

17 PATIENT COUNSELING INFORMATION

- Advise patients to limit their activities to preparing for going to bed after taking tasimelteon capsules because tasimelteon can potentially impair the performance of activities requiring complete mental alertness [see *Warnings and Precautions (5.1)*].
- Administration Information for tasimelteon capsules [see *Dosage and Administration (2.1, 2.2, 2.4)*].
 - Advise patients to take tasimelteon capsules without food.
 - Advise patients to take tasimelteon capsules before bedtime at the same time every night.
 - Advise patients to skip the dose that night if they cannot take tasimelteon capsules at approximately the same time on a given night.
 - Advise patients to swallow tasimelteon capsules whole.
- Non-24 (tasimelteon capsules)

Advise patients that because of individual differences in circadian rhythms, daily use for several weeks or months may be necessary before benefit from tasimelteon capsules is observed [see *Dosage and Administration (2.2)*].

APOTEX INC.

TASIMELTEON CAPSULES

20 mg

Manufactured By Manufactured For

Apotex Inc.	Apotex Corp.
Toronto, Ontario	Weston, Florida
Canada M9L 1T9	USA 33326

Rev. 5

PRINCIPAL DISPLAY PANEL 20 mg 30s

Representative sample of labeling (see HOW SUPPLIED section of complete listing):

APOTEX CORP. NDC 60505-4665-3

Tasimelteon Capsules 20 mg 30 counts

Rx only

Each capsule contains 20 mg of tasimelteon.

Store at 20°C to 25°C (68°F to 77°F); excursions permitted from 15°C to 30°C (59°F to 86°F) [see USP Controlled Room Temperature]. Protect from light and moisture.

Dispense in a tight container [see USP].

Keep out of reach of children.

Usual Dosage:
20 mg per day taken before bedtime, at the same time every night. Tasimelteon Capsules should be taken without food. See package insert.

000000

Rx Only

APOTEX CORP.

30 Capsules NDC 60505-4665-3

Manufactured by: Apotex Inc. Toronto, Ontario Canada M9L 1T9
Manufactured for: Apotex Corp. Weston, Florida 33326

Open Here

TASIMELTEON

tasimelteon capsule

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:60505-4665
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
Tasimelteon (UNII: SHS4PU80D9) (Tasimelteon - UNII:SHS4PU80D9)	Tasimelteon	20 mg

Inactive Ingredients

Ingredient Name	Strength
SILICON DIOXIDE (UNII: ETJ7Z6XBU4)	
Croscarmellose Sodium (UNII: M28OL1HH48)	
Magnesium Stearate (UNII: 70097M6I30)	
MICROCRYSTALLINE CELLULOSE (UNII: OP1R32D61U)	
Fd&C Blue No. 1 (UNII: H3R47K3TBD)	
Fd&C Red No. 3 (UNII: PN2ZH5LOQY)	
Fd&C Yellow No. 6 (UNII: H77VEI93A8)	
GELATIN, UNSPECIFIED (UNII: 2G86QN327L)	
Titanium Dioxide (UNII: 15FIX9V2JP)	
POVIDONE, UNSPECIFIED (UNII: FZ989GH94E)	
PROPYLENE GLYCOL (UNII: 6DC9Q167V3)	
Shellac (UNII: 46N107B71O)	
Sodium Hydroxide (UNII: 55X04QC32I)	

Product Characteristics

Color	BLUE (dark blue, opaque body) , BLUE (dark blue, opaque cap)	Score	no score
Shape	CAPSULE	Size	14mm
Flavor		Imprint Code	APO;TAS;20
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:60505-4665-3	30 in 1 BOTTLE; Type 0: Not a Combination Product	01/05/2024	
2	NDC:60505-4665-9	90 in 1 BOTTLE; Type 0: Not a Combination Product	01/05/2024	

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA211607	01/05/2024	

Labeler - Apotex Corp. (845263701)

Registrant - Apotex Inc. (Etobicoke Site) (205576023)

Establishment

Name	Address	ID/FEI	Business Operations
Apotex Inc.		205576023	manufacture(60505-4665) , analysis(60505-4665)

Revised: 4/2025

Apotex Corp.