

HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use Fluoxetine Capsules, USP safely and effectively. See full prescribing information for Fluoxetine Capsules, USP. Initial U.S. Approval: 1987

WARNING: SUICIDAL THOUGHTS AND BEHAVIORS

See full prescribing information for complete boxed warning.
• Increased risk of suicidal thinking and behavior in children, adolescents and young adults taking antidepressants for Major Depressive Disorder (MDD) and other psychiatric disorders (5.1).
• Monitor for worsening and emergence of suicidal thoughts and behaviors (5.1).

When using Fluoxetine and olanzapine in combination, also refer to Boxed Warning section of the package insert for Symbax.

RECENT MAJOR CHANGES

Angle-Closure Glaucoma (5.8) 05/2014

INDICATIONS AND USAGE

Fluoxetine is a selective serotonin reuptake inhibitor indicated for:

- Acute and maintenance treatment of Major Depressive Disorder (MDD) (5.1)
- Acute and maintenance treatment of Obsessive Compulsive Disorder (OCD) (1)
- Acute and maintenance treatment of Bulimia Nervosa (1)
- Acute treatment of Panic Disorder, with or without agoraphobia (1)

Fluoxetine and olanzapine in combination treatment for:

- Acute Depressive Episodes Associated with Bipolar I Disorder (1)

DOSAGE AND ADMINISTRATION

Indication	Adult	Pediatric
MDD (2.1)	20 mg/day in am (initial dose)	10 to 20 mg/day (initial dose)
OCD (2.2)	20 mg/day in am (initial dose)	10 mg/day (initial dose)
Bulimia Nervosa	60 mg/day in am (2.3)	—
Panic Disorder (2.4)	10 mg/day (initial dose)	—
Depressive Episodes Associated with Bipolar I Disorder (2.5)	Oral in combination with olanzapine: 5 mg of oral olanzapine and 20 mg of fluoxetine once daily (initial dose)	Oral in combination with olanzapine: 2.5 mg of oral olanzapine and 20 mg of fluoxetine once daily (initial dose)

- A lower or less frequent dosage should be used in patients with hepatic impairment, the elderly, and for patients with concurrent disease or on multiple concomitant medications (2.7).

Fluoxetine and olanzapine in combination:

- Adjustments should be made with the individual components according to efficacy and tolerability (2.5).
- Fluoxetine monotherapy is not indicated for the treatment of Depressive Episodes associated with Bipolar I Disorder (2.5).
- The day of the coadministration of doses above 18 mg olanzapine with 5 mg fluoxetine has not been evaluated (2.5).

DOSE FORMS AND STRENGTHS

- Capsules: 10 mg, 20 mg (3)

CONTRAINDICATIONS

Serotonin Syndrome and MAOIs: Do not use MAOIs intended to treat psychiatric disorders with Fluoxetine or within 5 weeks of stopping treatment with Fluoxetine.

Do not use Fluoxetine within 14 days of stopping an MAOI intended to treat psychiatric disorders. In addition, do not start Fluoxetine in a patient who is being treated with an MAOI, unless the MAOI has been discontinued for at least 2 weeks.

Pimozide: Do not use. Risk of QT prolongation and drug interaction (4.2, 5.1, 7.7, 7.8).

Thioridazine: Do not use. Risk of QT interval prolongation and elevated thioridazine plasma levels. Do not use thioridazine within 5 weeks of discontinuing Fluoxetine (4.2, 5.1, 7.7, 7.8).

When using fluoxetine and olanzapine in combination, also refer to the Contraindications section of the package insert for Symbax (4).

WARNINGS AND PRECAUTIONS

Suicidal Thoughts and Behaviors in Children, Adolescents, and Young Adults: Monitor for clinical worsening and suicidal thinking and behavior (5.1).

Serotonin Syndrome: Serotonin syndrome has been reported with SSRI and SNRI monotherapy, olanzapine, both when taken alone, but especially when co-administered with other serotonergic agents (including triptans, tricyclic antidepressants, fentanyl, lithium, tramadol, tryptophan, buspirone, and St. John's Wort). If such symptoms occur, discontinue treatment. If concurrent use of fluoxetine with other serotonergic drugs is clinically warranted, patients should be made aware of a potential increased risk for serotonin syndrome, particularly during treatment initiation and dose increases (5.2).

See **Table 1: Potential Counseling Information and FDA-approved Medication Guide.**

Information for pediatric patient (10-17 years) is approved for Eli Lilly and Company's Fluoxetine Capsules. However, due to Eli Lilly and Company's marketing exclusivity rights, this drug product is not labeled with that pediatric information.

Revised: 02/2015

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WARNING: SUICIDAL THOUGHTS AND BEHAVIORS

Antidepressants increased the risk of suicidal thoughts and behavior in children, adolescents, and young adult short-term studies. These studies did not show a clear increase in the risk of suicidal thoughts and behaviors compared to placebo in patients over age 24; there was a reduction in risk with antidepressant use in patients aged 65 and old (see *Warnings and Precautions* (5.1)).

In patients of all ages who are started on antidepressants, therapy should be closely monitored for the emergence of suicidal thoughts and behaviors. Advise families and caregivers of the need for close observation and communication with the prescriber (see *Warnings and Precautions* (5.1)).

Fluoxetine is not approved for use in children less than 7 years of age (see *Warnings and Precautions* (5.1) and *Use in Specific Populations* (8.4)).

When using fluoxetine and olanzapine in combination, also refer to Boxed Warning section of the package insert for Symbax.

1 INDICATIONS AND USAGE

Fluoxetine is a selective serotonin reuptake inhibitor indicated for:

Acute and maintenance treatment of Major Depressive Disorder (see *Clinical Studies* (14.1)).

Acute and maintenance treatment of obsessive and compulsive behaviors in patients with Obsessive Compulsive Disorder (OCD) (see *Clinical Studies* (14.2)).

Acute and maintenance treatment of binge-eating and vomiting behaviors in patients with moderate to severe Bulimia Nervosa (see *Clinical Studies* (4.3)).

Acute treatment of Panic Disorder, with or without agoraphobia (see *Clinical Studies* (14.4)).

All patients – As with other drugs effective in the treatment of Major Depressive Disorder, the full effect may be delayed up to 4 weeks of treatment or longer.

Periodically reassess to determine the need for maintenance treatment.

Switching Patients to a Tricyclic Antidepressant (TCA) – Dosage of a TCA may need to be reduced, and plasma TCA concentrations may need to be monitored temporarily when fluoxetine is coadministered or has been recently discontinued (see *Clinical Studies* (2.10) and *Warnings and Precautions* (5.2)).

4 OTHER CONTRAINDICATIONS

The use of fluoxetine is contraindicated with the following:

Pimozide (see *Warnings and Precautions* (5.1))

Thioridazine (see *Warnings and Precautions* (5.1) and *Drug Interactions* (7.7, 7.8))

Prolonging the QT Interval – As with other drugs effective in the treatment of Major Depressive Disorder, the full therapeutic effect may be delayed until 5 weeks of treatment or longer. A dose increase of 20 mg/day or more (from the morning or twice daily (i.e., morning and noon). A dose range of 20 to 60 mg/day is recommended; however, doses of up to 80 mg/day have been well tolerated in open studies of OCD. The maximum fluoxetine dose should not exceed 80 mg/day.

In the controlled clinical trials of fluoxetine supporting its effectiveness in the treatment of depression, patients were administered fixed doses of 20, 40, 60, 80 mg of fluoxetine or placebo (see *Clinical Studies* (14.2)). In one of these studies, no dose-response relationship for effectiveness was demonstrated.

Acute treatment of panic disorder, with or without agoraphobia (see *Clinical Studies* (14.4)).

Fluoxetine and Olanzapine in Combination – In adolescents (children and adolescents) – In adolescents and young adults, treatment with a dose of 10 mg/day, after 2 weeks, increases the dose to 20 mg/day. Consider the dose increase to 20 mg/day. A dose range of 20 to 30 mg/day is recommended; however, doses of up to 60 mg/day have not been systematically studied in patients with bulimia. In the controlled clinical trials of fluoxetine supporting its effectiveness in the treatment of bulimia, patients were administered fixed doses in the range of 10 to 60 mg/day (see *Clinical Studies* (14.2)).

Prolonging the QT Interval – As with other drugs effective in the treatment of panic disorder, the full therapeutic effect may be delayed until 5 weeks of treatment or longer. A dose increase of 20 mg/day or more (from the morning or twice daily (i.e., morning and noon). A dose range of 20 to 60 mg/day is recommended; however, doses of up to 80 mg/day have been well tolerated in open studies of OCD. The maximum fluoxetine dose should not exceed 80 mg/day.

In the controlled clinical trial of fluoxetine supporting its effectiveness in the treatment of OCD, patients were administered fluoxetine doses in the range of 10 to 60 mg/day (see *Clinical Studies* (14.2)).

Periodically reassess to determine the need for maintenance treatment.

Switching Patients to a Tricyclic Antidepressant (TCA) – Dosage of a TCA may need to be reduced, and plasma TCA concentrations may need to be monitored temporarily when fluoxetine is coadministered or has been recently discontinued (see *Clinical Studies* (2.10) and *Warnings and Precautions* (5.2)).

2 DOSAGE AND ADMINISTRATION

Initial Treatment

Adult – Initiate Fluoxetine 20 mg/day, orally in the morning. Consider the dose increase after several weeks, if insufficient clinical improvement is observed. Administer doses above 20 mg/day once daily in the morning or twice daily (i.e., morning and noon). The maximum fluoxetine dose should not exceed 80 mg/day.

In controlled clinical trials of fluoxetine supporting its effectiveness in the treatment of OCD, patients were administered morning doses under 20, 40, and 60 mg/day to placebo indicate that 20 mg/day is sufficient to obtain a satisfactory response in Major Depressive Disorder in most cases (see *Clinical Studies* (14.1)).

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Symbax.

2.1 Major Depressive Disorder

Initial Treatment

Adult – Initiate Fluoxetine 20 mg/day, orally in the morning. Consider the dose increase after several weeks, if insufficient clinical improvement is observed. Administer doses above 20 mg/day once daily in the morning or twice daily (i.e., morning and noon). The maximum fluoxetine dose should not exceed 80 mg/day.

In controlled clinical trials of fluoxetine supporting its effectiveness in the treatment of OCD, patients were administered morning doses under 20, 40, and 60 mg/day to placebo indicate that 20 mg/day is sufficient to obtain a satisfactory response in Major Depressive Disorder in most cases (see *Clinical Studies* (14.1)).

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Symbax.

2.2 Obsessive Compulsive Disorder

Initial Treatment

Adult – Initiate Fluoxetine 20 mg/day, orally in the morning. Consider the dose increase after several weeks, if insufficient clinical improvement is observed. Administer doses above 20 mg/day once daily in the morning or twice daily (i.e., morning and noon). The maximum fluoxetine dose should not exceed 80 mg/day.

In controlled clinical trials of fluoxetine supporting its effectiveness in the treatment of OCD, patients were administered morning doses under 20, 40, and 60 mg/day to placebo indicate that 20 mg/day is sufficient to obtain a satisfactory response in Major Depressive Disorder in most cases (see *Clinical Studies* (14.1)).

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Symbax.

2.3 Bulimia Nervosa

Initial Treatment

Adult – Administer Fluoxetine 60 mg/day, in the morning. Consider the dose increase after several weeks, if insufficient clinical improvement is observed. Administer doses above 60 mg/day to placebo indicate that 60 mg/day is sufficient to obtain a satisfactory response in Major Depressive Disorder in most cases (see *Clinical Studies* (14.1)).

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Symbax.

2.4 Panic Disorder

Initial Treatment

Adult – Initiate Fluoxetine 10 mg/day, orally in the morning. Consider the dose increase after several weeks, if insufficient clinical improvement is observed. Administer doses above 10 mg/day to placebo indicate that 10 mg/day is sufficient to obtain a satisfactory response in Major Depressive Disorder in most cases (see *Clinical Studies* (14.1)).

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Symbax.

2.5 Discontinuation of Treatment

People who take fluoxetine close in time to an MAOI may have serious or even life threatening side effects. Get medical help right away if you have any of these symptoms:

- high fever
- uncontrolled muscle spasms
- stiff muscles
- rapid changes in heart rate or blood pressure
- confusion
- loss of consciousness (pass out)
- take **Mellaril®** (thioridazine). Do not take **Mellaril®** within 5 weeks of stopping fluoxetine because this can cause serious heart rhythm problems or sudden death.
- take the antipsychotic medicine **pimozide (Orap®)** because this can cause serious heart problems.

What should I tell my healthcare provider before taking fluoxetine? Ask if you are not sure.

Before starting fluoxetine, tell your healthcare provider if you:

- Are taking certain drugs or treatments such as:
 - Triptans used to treat migraine headache
 - Medicines used to treat mood, anxiety, psychotic or thought disorders, including tricyclics, lithium, buspirone, SSRIs, SNRIs, MAOIs or antipsychotics
 - Tramadol and fentanyl
 - Over-the-counter supplements such as tryptophan or St. John's Wort
- Electroconvulsive therapy (ECT)
- have liver problems
- have kidney problems
- have heart problems
- have or had seizures or convulsions
- have bipolar disorder or mania
- have low sodium levels in your blood
- have a history of a stroke
- have high blood pressure
- have or had bleeding problems

• are pregnant or plan to become pregnant. It is not known if fluoxetine will harm your unborn baby. Talk to your healthcare provider about the benefits and risks of treating depression during pregnancy.

- are breast-feeding or plan to breast-feed. Some fluoxetine may pass into your breast milk. Talk to your healthcare provider about the best way to feed your baby while taking fluoxetine.

Tell your healthcare provider about all the medicines that you take, including prescription and non-prescription medicines, vitamins, and herbal supplements. Fluoxetine and some medicines may interact with each other and may not work as well, or cause possible serious side effects.

Your healthcare provider or pharmacist can tell you if it is safe to take fluoxetine with your other medicines. Do not start or stop any medicine while taking fluoxetine without talking to your healthcare provider first.

If you take fluoxetine, you should not take any other medicines that contain fluoxetine hydrochloride:

- Symbax
- Sarafem
- Prozac Weekly

How should I take fluoxetine?

Take fluoxetine exactly as prescribed. Your healthcare provider may need to change the dose of fluoxetine until it is right for you. Fluoxetine can be taken with or without food.

- If you miss a dose of fluoxetine, take the missed dose as soon as you remember. If it is almost time for the next dose, skip the missed dose and take your next dose at the regular time. Do not take two doses of fluoxetine at the same time.
- If you take too much fluoxetine, call your healthcare provider or poison control center right away, or get emergency treatment.

What should I avoid while taking fluoxetine?

Fluoxetine can cause sleepiness and may affect your ability to make decisions, think clearly, or react quickly. You should not drive, operate heavy machinery, or do other dangerous activities until you know how fluoxetine affects you. Do not drink alcohol while using fluoxetine.

What are the possible side effects of fluoxetine?

Fluoxetine may cause serious side effects, including:

- See "What is the most important information I should know about fluoxetine?"
- **Problems with blood sugar control.** People who have diabetes and take fluoxetine may have problems with low blood sugar while taking fluoxetine. High blood sugar can happen when fluoxetine is stopped. Your healthcare provider may need to change the dose of your diabetes medicines when you start or stop taking fluoxetine.

What should I avoid while taking fluoxetine?

Fluoxetine can cause sleepiness and may affect your ability to make decisions, think clearly, or react quickly. You should not drive, operate heavy machinery, or do other dangerous activities until you know how fluoxetine affects you. Do not drink alcohol while using fluoxetine.

Common possible side effects in people who take fluoxetine include:

- unusual dreams
- sexual problems
- loss of appetite, diarrhea, indigestion, nausea or vomiting, weakness, or dry mouth
- flu symptoms
- feeling tired or fatigued
- change in sleep habits
- yawning
- sinus infection or sore throat
- tremor or shaking
- sweating
- feeling anxious or nervous
- hot flashes
- rash

Other side effects in children and adolescents include:

- increased thirst
- abnormal increase in muscle movement or agitation
- nose bleed
- urinating more often
- heavy menstrual periods
- possible slowed growth rate and weight change. Your child's height and weight should be monitored during treatment with fluoxetine.

Tell your healthcare provider if you have any side effect that bothers you or that does not go away. These are not all the possible side effects of fluoxetine. For more information, ask your healthcare provider or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store fluoxetine?

• Store at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature.]

• Keep fluoxetine away from light.

• Keep fluoxetine bottle closed tightly.

Keep fluoxetine and all medicines out of the reach of children.

General information about fluoxetine

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use fluoxetine for a condition for which it was not prescribed. Do not give fluoxetine to other people, even if they have the same condition. It may harm them.

This Medication Guide summarizes the most important information about fluoxetine. If you would like more information, talk with your healthcare provider. You may ask your healthcare provider or pharmacist for information about fluoxetine that is written for healthcare professionals.

What are the ingredients in fluoxetine?

Active ingredients: fluoxetine hydrochloride

Inactive ingredients in fluoxetine capsule: gelatin, titanium dioxide, D&C Yellow No. 10, FD&C Green No. 3, microcrystalline cellulose, magnesium stearate, sodium starch glycolate and Talc.

This Medication Guide has been approved by the U.S. Food and Drug Administration.

Manufactured and Distributed by: Carlsbad Technology, Inc.

5923 La Jolla Court
Carlsbad, CA 92008

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Associated with discontinuation in Major Depressive Disorder, OCD, Bulimia, and Panic Disorder placebo-controlled clinical trials (excluding discontinuations due to discontinuation of fluoxetine treatment)

In study of 19 healthy male subjects, which included 6 women and 13 men, hypotension of debrisoquin, a single 25 mg oral dose of thioridazine produced a 2.4-fold higher AUC for thioridazine than the total slow hydroxylators compared with the rapid hydroxylators. The level of debrisoquin hydroxylation is felt to depend on the level of CYP2D6 isozyme activity. Thus, the study suggests that drugs which inhibit CYP2D6, such as certain SSRIs, including fluoxetine, may predispose to discontinuation of fluoxetine treatment.

Thioridazine administration produces a dose-related prolongation of the QTc interval, which is associated with serious ventricular arrhythmias, such as torsades de pointes arrhythmias, and sudden death. This risk is expected to increase with fluoxetine-induced inhibition of thioridazine metabolism.

Many drugs, including fluoxetine (*see Adverse Reactions (6.1)*), may cause QTc prolongation, including discontinuation of fluoxetine in Major Depressive Disorder, OCD, Bulimia, and Panic Disorder clinical trials, plus non-US Panic Dis-

order patients <18 years of age with Major Depressive Disorder and <7 years of age in GCD have been established.

Fluoxetine pharmacokinetics were evaluated in 21 pediatric patients (ages 6 to >18) with Major Depressive Disorder or OCD [*see Clinical Pharmacology (12.3)*].

The acute adverse reaction profile observed in the 3 studies (N=418 randomized; 228 fluoxetine-treated, 109 placebo-treated, 109 panic disorder placebo-treated) in adult studies with fluoxetine is similar to the 19-week Major Depressive Disorder study (N=219 randomized; 109 fluoxetine-treated, 110 placebo-treated). The long-term adverse reaction profile observed in the 19-week Major Depressive Disorder study (N=219 randomized; 109 fluoxetine-treated, 110 panic disorder placebo-treated) was also similar to that observed in adult trials with fluoxetine (*see Adverse Reactions (6.1)*).

As with other antidepressants, the long-term adverse reaction profile observed in the 19-week Major Depressive Disorder study (N=219 randomized; 109 fluoxetine-treated, 110 panic disorder placebo-treated) was also similar to that observed in adult trials with fluoxetine (*see Adverse Reactions (6.1)*).

For detailed information about overdose with disulfiram and fluoxetine in combination, refer to the Overdosage section of the Sybax package insert.

13.2 Animal Toxicology and/or Pharmacology

Phenothiazines are increased in some tissues of rats, dogs, and goats given i.v. chronic doses. This effect is reversible after cessation of treatment. Phenothiazine accumulation in animals has been observed with many caloric amphetamine drugs, including fenfluramine, imipramine, and rimiteridine. The significance of this effect in humans is unknown.

14 CLINICAL STUDIES

Efficacy for fluoxetine was established for the:

- Acute and maintenance treatment of Major Depressive Disorder in adults in 7 short-term and long-term, placebo-controlled trials [*see Clinical Studies (14.1)*].

• Acute treatment of obsessions and compulsions in adults in 3 short-term placebo-controlled trials [*see Clinical Studies (14.2)*].

• Acute and maintenance treatment of binge-eating and vomiting behaviors in patients with moderate to severe Bulimia Nervosa in 3 short-term and long-term, placebo-controlled trials [*see Clinical Studies (14.3)*].

• Acute treatment of Panic Disorder, with or without agoraphobia, in patients in 2 short-term, placebo-controlled trials [*see Clinical Studies (14.4)*].

Efficacy for fluoxetine and olanzapine in combination was established for the:

- Acute treatment of depressive episodes in Bipolar I Disorder.

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Sybax.

15.2 Suicidal Thoughts and Behaviors in Children, Adolescents, and Young Adults

Healthcare providers should instruct their patients, their families, and their caregivers about the benefits and risks involved in prescribing psychotropic medications in their appropriate use. Healthcare providers should instruct patients, their families, and their caregivers to read the Medication Guide and should assist them in understanding its contents. Patients should be given the opportunity to discuss the contents of the Medication Guide with their healthcare provider.

Patients should be advised of the following issues and asked to alert their healthcare provider if these occur while taking fluoxetine.

When using fluoxetine and olanzapine in combination, also refer to the Medication Guide for Sybax.

15.3 General Information

Healthcare providers should instruct their patients to be encouraged to alert the emergency of anxiety, agitation, panic attacks, insomnia, irritability, hostility, aggressiveness, impulsivity, akathisia, and/or difficulty falling asleep in behavior, and/or drug-induced suicidality in children and adolescents. Patients should be advised to report any suicidal thoughts or attempts, self-harm, or suicidal behaviors in themselves or in others to their healthcare provider.

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Sybax.

15.4 Major Depressive Disorder Daily Dosing

When using fluoxetine and olanzapine in combination, also refer to the Clinical Studies section of the package insert for Sybax.

15.5 Clinical Pharmacology

Studies at clinically relevant doses in man have demonstrated that fluoxetine blocks the uptake of serotonin in human platelets. Studies in animals also suggest that fluoxetine is a much more potent uptake inhibitor of serotonin than of norepinephrine.

Antagonism of muscarinic, histaminergic, and α₁-adrenergic receptors has been hypothesized to account for the antidepressant effect of fluoxetine in association with various anticholinergics, sedative, and cardiovascular effects of classical tricyclic antidepressant (TCAs) drugs. Fluoxetine binds to these and other membrane receptors in the brain and peripheral tissues.

Fluoxetine is shown to have a greater affinity for serotonin receptors than for norepinephrine receptors.

Antagonism of serotonin receptors has been demonstrated in the central nervous system of man and in peripheral tissues.

Antagonism of α₁-adrenergic receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of histaminergic receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of muscarinic receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of α₂-adrenergic receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₂ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT_{1A} receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT_{1B} receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT_{1D} receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT_{2A} receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT_{2C} receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₃ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₅ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₆ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₇ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₈ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₉ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₁₀ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₁₁ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₁₂ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₁₃ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

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Antagonism of 5-HT₂₃ receptors has been demonstrated in the peripheral nervous system of man and in peripheral tissues.

Antagonism of 5-HT₂₄ receptors has been demonstrated in the peripheral