

# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the Science of Compliance

†Prednisolone base.



About Orapred



About Asthma



Ordering Information



Contact

Orapred®

**GREAT TASTE, LESS WASTE.  
NEW INSTITUTIONAL 10-PACKS.**

Orapred® (prednisolone sodium phosphate oral solution) is a US Food and Drug Administration (FDA) approved oral liquid steroid. Orapred's patented taste masking technology neutralizes prednisolone's unpleasant taste.

*more...*



*more...*

**BIOMARIN**

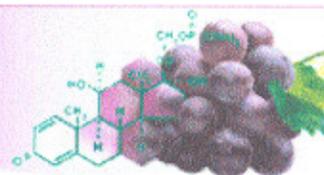
[Privacy Policy](#) | [Site Map](#) | © 2005 BioMarin Pharmaceutical Inc. All rights reserved.

# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the  
Science of Compliance

†Prednisolone base.



## ABOUT ORAPRED

### About Orapred

### Orapred® (Prednisolone Sodium Phosphate Oral Solution) For Exacerbations Of Asthma

Orapred® (prednisolone sodium phosphate oral solution) is a US Food and Drug Administration (FDA) approved oral liquid steroid. Orapred's patented taste masking technology neutralizes prednisolone's unpleasant taste.

### About Asthma

### Ordering Information

### Contact

### Orapred® at a Glance

- Designed to taste better and ease administration
- Equivalent to 15mg/5mL prednisolone base
- Follow-on formulations in development
- Marketed by BioMarin's sales force

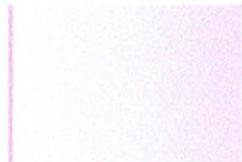
### NEW INSTITUTIONAL 10-PACKS.



more...

Individuals with asthma experience an inflammation that causes the airways to constrict, making breathing difficult. Orapred is designed to reduce this inflammation and allow asthma patients to breath normally. Its proprietary taste-masking technology helps mask the bitter taste of prednisolone, making it easier to take without experiencing the natural gag reflex commonly induced by other liquid formulations of prednisolone.

For full prescribing information and a complete listing of adverse events relating to Orapred, please refer to the [package insert](#).



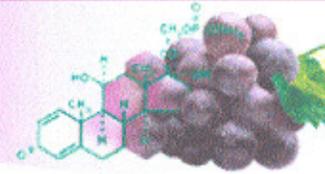
BIOMARIN

# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the  
Science of Compliance

†Prednisolone base.



## ABOUT ASTHMA

About Orapred



About Asthma



Ordering  
Information



Contact



NEW INSTITUTIONAL  
10-PACKS.



more...

### What Is Asthma?

Asthma is a chronic inflammatory condition affecting the bronchial tubes, the airways that carry air in and out of the lungs. When exposed to certain irritants, muscles surrounding the smaller airways tighten, and the airways become inflamed, swollen, and filled with fluid (mucus). The constricted, swollen airways are narrowed, partially blocking the flow of air and making breathing difficult. This airflow obstruction can be completely or partially reversed; the reversal is often aided by the use of medications.

The following are some of the stimuli that may trigger or worsen an asthma attack:

- Respiratory infections (most often viral infections, e.g. the common cold)
- Allergens such as dust mites, molds, cockroach, pet dander, pollen, and sometimes certain foods
- Inhaled irritants such as smoke, dust, or perfumes
- Weather changes (change in air temperature, barometric pressure, humidity, and overall air quality)
- Exercise
- Emotional stress

According to the Asthma and Allergy Foundation of America, an estimated 17 million Americans suffer from asthma, of which nearly five million are under age 18. It is the most common chronic childhood disease in the United States, affecting more than one child in 20.

### Symptoms and Severity of Asthma

The symptoms of asthma vary and may include wheezing (a whistling sound usually heard when breathing out), coughing, difficulty breathing, and chest tightness or pain. As an

asthma episode worsens, the affected person may have difficulty speaking in complete sentences, and infants may have a shortened cry or difficulty feeding.

The course, severity, and triggers of asthma vary between people. Many children with asthma only have occasional attacks (mild intermittent asthma), usually managed with relative ease. People with symptoms more than two days per week or two nights per month are considered to have persistent asthma, which varies from mild to severe depending on frequency and intensity of symptoms. Regardless of symptom frequency, any asthmatic is susceptible to a severe attack. Children who start wheezing during the first few years of life and have a family history of asthma and other allergic diseases such as allergic rhinitis and atopic dermatitis (eczema) are likely to be more severely affected.

### Treatment Options

Currently there is no cure for asthma, but there are treatments that help control the symptoms. The ultimate goal of asthma therapy is symptom control that allows the asthmatic person to have no limitation of daily activities.

The two most common medication categories address two different parts of the asthmatic response: 1) the tightening of the airways (bronchoconstriction), and 2) the swelling of the airways (inflammation). These medication categories are:

- 1 **Bronchodilators:** These medicines work by relaxing the muscles surrounding the bronchial tubes. They are commonly delivered directly to the lungs by means of an inhaler device. There are short acting bronchodilators (such as albuterol, a 'rescue' medication), commonly used for immediate relief, and long acting bronchodilators (such as salmeterol), which take longer to start working but provide longer lasting symptom control.
- 2 **Anti-inflammatories:** These medicines help to reduce the swelling of the airways. The most commonly used are the corticosteroids, which are available in inhaled and oral forms. Inhaled corticosteroids (such as fluticasone) can be used by people with persistent asthma to reduce sensitivity to asthma triggers; they should be used regularly (often daily) as prescribed and are sometimes referred to as controller medications. Oral corticosteroids, including prednisolone, are most often used as a rescue medication to provide rapid improvement in the case of a worsening asthma flare-up; they are usually given in a short burst of three to 10 days of therapy.

While these categories cover the most common medications, there are other treatments available; each person must receive individualized asthma treatment from his or her doctor.

The National Asthma Education and Prevention Program (NAEPP) recommends the use of controller medications such as inhaled corticosteroids in persistent asthmatics to reduce the need for frequent use of rescue medications.

Studies have shown that giving oral corticosteroids early in the course of an asthma flare-up can reduce the potential for worsening and possible hospitalization. The NAEPP recommends the use of systemic (oral) corticosteroids for a short period to gain control of a severe or worsening asthma attack, and sometimes for an extended period in the case of the severe persistent asthmatic.

### **Additional Resources**

For additional information about asthma, please visit the following websites and others listed in the Resource Library:

<http://www.lungusa.org> American Lung Association

<http://www.aafa.org> Allergy and Asthma Foundation of America

<http://www.aaaai.org> American Academy of Asthma, Allergy and Immunology

**BIOMARIN**





# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the  
Science of Compliance

†Prednisolone base.



## ORDERING INFORMATION

### About Orapred



### About Asthma



### Ordering Information



### Contact



Orapred® Wholesaler	Order #
Amerisource Bergen	486-2835 (old) 957-338 (new)
Cardinal	365-7269
McKesson	142-0694

Product Name	Orapred
Strength	(15mg†/5mL)
NDC Number	68135-455-03
Bottle Size	20mL
Pack Size	10 Bottles
Minimum Order Quantity	1 (10 Pack)

†Prednisolone base

### Convenience & Efficiency

- 20mL bottles for Single Patient Use\*
- Well-suited for decentralized stocking
- Reduce spillage and dispensing errors
- 3 year shelf life
- More convenient storage, inventory and stock rotation
- JCAHO Compliant

### NEW INSTITUTIONAL 10-PACKS.



more...

As with all glucocorticoids, Orapred is contraindicated in persons with systemic fungal infections. Please see full prescribing information for a complete listing of adverse events such as dermatological and gastrointestinal disturbances.

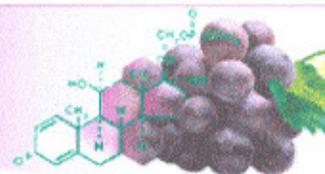
\*Not for individual sale

# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the Science of Compliance

†Prednisolone base.



## CONTACT

About Orapred



About Asthma



Ordering Information



Contact



### Headquarters

BioMarin Pharmaceutical Inc.  
105 Digital Drive  
Novato, CA 94949  
Tel: 415.506.6700  
Fax: 415.382.7889

### Orapred® (Prednisolone Sodium Phosphate Oral Solution) For Exacerbations Of Asthma

Customer Service  
Tel: 1.866.274.0606

E-mail: [Orapred@BMRN.com](mailto:Orapred@BMRN.com)

If you need additional information on Orapred®, please complete the following form, and an Orapred Customer Service representative will get in touch with you.

NEW INSTITUTIONAL 10-PACKS.



more...

* First Name	<input type="text"/>	* Last Name	<input type="text"/>
Professional Designation	<input type="text" value="Select"/>	Title	<input type="text" value="Select"/>
Institution Name	<input type="text"/>	Institution Address	<input type="text"/>
City	<input type="text"/>	State	<input type="text"/>

Zip

\* E-mail Address

\* Telephone

Fax

I am a member of the Pharmacy & Therapeutics Committee

**BIOMARIN**



[Privacy Policy](#) | [Site Map](#) | © 2005 BioMarin Pharmaceutical Inc. All rights reserved.

**Orapred**  
 (prednisolone sodium phosphate oral solution) 15 mg/5 mL



Perfecting the  
 Science of Compliance

†Prednisolone base.

NOW AVAILABLE IN CLUSTERS!

1 2



GREAT TASTE, LESS WASTE.  
 NEW INSTITUTIONAL 10-PACKS.

Convenience & Efficiency

- 20mL bottles for Single Patient Use\*
- Well-suited for decentralized stocking
- Reduce spillage and dispensing errors
- 3 year shelf life
- More convenient storage, inventory and stock rotation
- JCAHO Compliant

Product Name	Orapred®
Strength	15mg†/5mL
NDC Number	68135-455-03
Bottle Size	20mL
Pack Size	10 Bottles
Minimum Order Qty	1 (10 pack)
List Price (WAC)	\$96.00
Ave. Wholesale Price (AWP)	\$120.00

†Prednisolone base

For more information regarding Orapred,  
please visit [www.orapredsmallpackage.com](http://www.orapredsmallpackage.com).

\*Not for individual sale

| [Next](#)

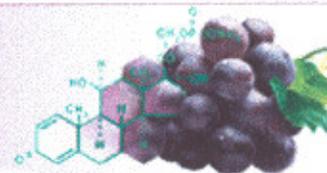


# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the  
Science of Compliance

<sup>†</sup>Prednisolone base.



1 2



## ORAPRED 10-PACKS: ENGINEERED FOR COMPLIANCE

Visit [www.orapredsmallpackage.com](http://www.orapredsmallpackage.com)  
for more information.

As with all glucocorticoids, Orapred is contraindicated in persons with systemic fungal infections. Please see full prescribing information for a complete listing of adverse events such as dermatological and gastrointestinal disturbances.

### Designed to taste better, ease administration

- Bad-tasting medications may lead to spillage and waste
- Patented taste masking technology uses a polymer to form a barrier around the prednisolone molecule to prevent exposure to taste receptors on the

Orapred® Wholesaler

Amerisource Bergen

Cardinal

McKesson

Order #

486-2835 (old)

957-338 (new)

365-7269

142-0694

tongue

- Debitting agents neutralize prednisolone molecule's unpleasant taste
- Developed to meet the high-palatability standards for food flavoring, not pharmaceutical flavoring

\*Not for individual sale.

# Orapred

(prednisolone sodium phosphate oral solution) 15 mg/5 mL

Perfecting the  
Science of Compliance

†Prednisolone base.

Orapred® is a registered trademark of Medicis Pediatrics, Inc and is used under license. © 2005 Biogaran Pharmaceutical, Inc. ORA05-001

[Previous](#) | [Close](#)

