

#### Home

Cosentyx

# Cosentyx ⊲

Generic name: secukinumab [ SEK-ue-KIN-ue-mab ]

Dosage forms: Cosentyx Sensoready pen (150 mg/mL), Cosentyx prefilled syringes (150 mg/mL, 75 mg/0.5 mL), ... show all 3 dosage

forms

Drug class: Interleukin inhibitors

Medically reviewed by Melisa Puckey, BPharm. Last updated on Nov 1, 2023.

Uses Side effects Warnings Before taking Dosage Interactions FAQ

## What is Cosentyx?

Cosentyx (secukinumab) is used to treat types of plaque psoriasis, psoriatic arthritis, ankylosing spondylitis, enthesitis-related arthritis, hidradenitis suppurativa (HS), and non-radiographic axial spondyloarthritis, which are autoimmune conditions. Cosentyx is an immunosuppressant medicine that reduces the effects of a chemical substance in the body that can cause inflammation.

Cosentyx is a monoclonal antibody from a group of medicines called interleukin (IL) inhibitors that work by blocking the activity of a protein called IL-17A. People who have autoimmune conditions have increased levels of this protein. By Cosentyx blocking the protein's activity, it reduces inflammation, pain, swelling, and skin symptoms that you may have.

## What is Cosentyx used for?

Cosentyx is a FDA-approved approved medicine used to treat:

- moderate to severe plaque psoriasis that covers large or many areas of the body for patients 6 years and older, who
  are candidates for systemic therapy or phototherapy.
- active psoriatic arthritis (PsA) in patients 2 years of age and older.
- active ankylosing spondylitis in adults.
- active non-radiographic axial spondyloarthritis (nr-axSpA) in adults who have objective signs of inflammation.
- active enthesitis-related arthritis (ERA) in patients 4 years of age and older.
- moderate to severe hidradenitis suppurativa (HS) in adults.

This medicine may improve your psoriasis, psoriatic arthritis, ankylosing spondylitis, non-radiographic axial spondyloarthritis, hidradenitis suppurativa, and enthesitis-related arthritis, but it may also lower the ability of your immune system to fight infections.

## Cosentyx side effects

Common Cosentyx side effects may include diarrhea and cold symptoms such as stuffy nose, sneezing, sore throat.

### Serious Cosentyx side effects

Get emergency medical help if you have signs of an allergic reaction to Cosentyx with symptoms of hives, chest tightness, difficulty breathing, feeling like you might pass out, swelling of your face, lips, tongue, or throat.

Call your doctor right away if you have signs of infection such as

- redness, warmth, or painful sores on your skin;
- cough, shortness of breath, cough with red or pink mucus;
- increased urination, burning when you urinate;
- sores or white patches in your mouth or throat (yeast infection or "thrush");
- · new or worsening diarrhea or stomach pain; or
- fever, chills, sweating, muscle pain, weight loss.

Further doses may be delayed until your infection clears up.

This is not a complete list of side effects and others may occur. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

Cosentyx side effects (more detail)

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Methylprednisolone is used to treat conditions such as allergies, arthritis, lupus and ulcerative ...

### **Reviews & ratings**

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You may get infections more easily while using Cosentyx, as it lowers your immune system's ability to fight infections. Call your doctor right away if you have signs of infection such as: fever, chills, sweats, muscle aches, skin sores, stomach pain, diarrhea, burning when you urinate, weight loss, cough, shortness of breath, or a cough with red or pink mucus.

Tell your doctor if you have an active infection or have ever been diagnosed with tuberculosis or inflammatory bowel disease before using this medicine.

## Before using this medicine

You should not use Cosentyx if you are allergic to the active ingredients secukinumab, or any of the inactive ingredients contained in the medicine.

Tell your doctor if you've had or been exposed to tuberculosis, or if you recently traveled. Some infections are more common in certain parts of the world, and you may have been exposed during travel.

To make sure you can safely use Cosentyx, tell your doctor if you have ever had:

- an active or chronic infection;
- inflammatory bowel disease (Crohn's disease or ulcerative colitis);
- an allergy to latex; or
- if you currently have signs of infection such as fever, sweats, chills, muscle pain, cough, shortness of breath, cough with bloody mucus, weight loss, skin sores, stomach pain, diarrhea, or painful urination.

Make sure you are current on all vaccines before you start using this medicine. You should not have any vaccinations during your treatment with Cosentyx without first talking to your doctor.

## **Pregnancy**

Tell your doctor if you are pregnant or plan to become pregnant. It is not known if Cosentyx can harm your unborn baby. You and your healthcare provider should decide if you will use this medicine.

## Breastfeeding

Tell your doctor or healthcare professional if you are breastfeeding or plan to breastfeed. It is not known if Cosentyx passes into your breast milk.

Cosentyx pregnancy and breastfeeding warnings (more detail)

# How should I use Cosentyx?

Use Cosentyx for self-administration exactly as prescribed by your doctor. Follow all directions on your prescription label and read all medication guides or instruction sheets. Your doctor may occasionally change your dose. Ask your doctor or pharmacist if you don't understand how to use an injection.

If you prefer to have a healthcare provider administer Cosentyx to you, it is available as a monthly, 30-minute, intravenous infusion requiring no pre-medication and no laboratory monitoring.

## **Subcutaneous Cosentyx**

Cosentyx for self-administration at home is injected under the skin (subcutaneous injection).

- Take the injection pen out of the refrigerator and let it reach room temperature for 15 to 30 minutes before use. Give the injection within 1 hour after removing the medicine from the refrigerator. Do not try to warm the medication by heating it in a microwave, placing it in hot water, or through any other method.
- Prepare an injection only when you are ready to give it. You may need to use 2 injections to get your total dose.
- The solution should be clear or light-yellow. Call your pharmacist if the liquid in your vial, pen, or syringe looks cloudy, has changed colors, or has particles in it.
- Do not shake the syringe or dosing pen.
- The injection can be given anywhere on the front of your thighs (upper leg), upper outer arms, or abdomen (stomach) except your navel and the area 2 inches (5 centimeters) around it. Do not inject into the same place two times in a row. Avoid injecting into the skin that is hard, red, bruised, swollen, tender, or affected by psoriasis.
- Throw away a prefilled syringe or injection pen after one use, even if there is still medicine left inside.
- Do not reuse a needle or syringe. Place them in a puncture-proof "sharps" container and dispose of them following state or local laws. Keep out of the reach of children and pets.

You may get infections more easily, even serious infections. You will need frequent medical tests.

Cosentyx patient tips (more detail)

## **Cosentyx Dosing Information**

Cosentyx is supplied as a Sensoready pen, prefilled syringe, or single-dose vial.

## Intravenous dosing (administered by a healthcare provider)

Dilute before use. Administer over 30 minutes.

Psoriatic arthritis, Ankylosing Spondylitis, Non-Radiographic Axial Spondyloarthritis

- With a loading dose: 6 mg/kg initially at week 0 followed by 1.75 mg/kg every 4 weeks thereafter (maximum 300mg per infusion).
- Without a loading dose: 1.75 mg/kg every 4 weeks (maximum 300mg per infusion).

## **Usual Adult Dose for Plaque Psoriasis**

Dose:

- 300 mg subcutaneously at weeks 0, 1, 2, 3, and 4 followed by 300 mg every 4 weeks.
- Each 300 mg dose is given as 2 subcutaneous injections of 150 mg.
- For some patients, a dose of 150 mg subcutaneously may be acceptable.

Use: Moderate to severe plaque psoriasis in adult patients who are candidates for systemic therapy or phototherapy.

## **Usual Pediatric Dose for Plaque Psoriasis**

Dose:

- Dose is based on body weight, given by subcutaneous injection at Weeks 0, 1, 2, 3, and 4 followed by dosing every 4 weeks.
- Body weight less than 50kg: recommended dose is 75mg.
- Body weight is greater than or equal to 50kg: recommended dose 150mg.

Use: Moderate to severe plaque psoriasis in adult patients who are candidates for systemic therapy or phototherapy.

### **Usual Adult Dose for Psoriatic Arthritis**

Dose:

- With a loading dose: 150 mg subcutaneously at weeks 0, 1, 2, 3, and 4 and every 4 weeks thereafter.
- Without a loading dose: 150 mg subcutaneously every 4 weeks; if the patient continues to have active psoriatic
  arthritis, consider increasing the dose to 300 mg subcutaneously every 4 weeks.

#### Comments:

- For psoriatic arthritis patients with coexistent moderate to severe plaque psoriasis, use the dosage for plaque psoriasis.
- This drug may be administered with or without methotrexate.

Use: Active psoriatic arthritis.

#### **Usual Pediatric Dose for Psoriatic Arthritis**

Dose:

- Dose is based on body weight, given by subcutaneous injection at Weeks 0, 1, 2, 3, and 4 followed by dosing every 4 weeks.
- Body weight 15 kg to less than 50kg: recommended dose is 75mg
- Body weight is greater than or equal to 50kg: recommended dose 150mg.

Comment: This drug may be administered with or without methotrexate.

Use: Active psoriatic arthritis in patients 2 years and older.

## **Usual Adult Dose for Ankylosing Spondylitis**

Dose:

- With a loading dose: 150 mg subcutaneously at weeks 0, 1, 2, 3, and 4 and every 4 weeks thereafter.
- Without a loading dose: 150 mg subcutaneously every 4 weeks.

Comment: If a patient continues to have active AS, consider a dosage of 300 mg every 4 weeks.

Uses: For active ankylosing spondylitis.

## Usual Adult Dose for Non-Radiographic Axial Spondyloarthritis

Dose:

- With a loading dosage is 150 mg at Weeks 0, 1, 2, 3, and 4 and every 4 weeks thereafter
- Without a loading dosage is 150 mg every 4 weeks

Use: Active non-radiographic axial spondyloarthritis (nr-axSpA) in adult patients who have objective signs of inflammation.

#### **Usual Dose for Enthesitis-Related Arthritis**

Dose:

- Dose is based on body weight, given by subcutaneous injection at Weeks 0, 1, 2, 3, and 4 followed by dosing every 4 weeks.
- Body weight 15 kg to less than 50kg: the recommended dose is 75mg
- Body weight is greater than or equal to 50kg: recommended dose 150mg.

Use: Active enthesitis-related arthritis (ERA) in patients 4 years of age and older.

Detailed Cosentyx dosage information

## What strengths is Cosentyx available in?

- Cosentyx Sensoready pen: 150 mg/mL single dose.
- Cosentyx UnoReady pen and single-dose prefilled syringe: 300 mg/2 mL.
- Cosentyx prefilled syringe (for pediatric patients less than 50 kg): 75 mg/0.5 mL single dose.
- Cosentyx injection for intravenous infusion: 125 mg/5 mL in a single-dose vial (healthcare professional use only)

## What happens if I miss a dose?

Call your doctor for instructions if you miss a dose of Cosentyx.

## What happens if I overdose?

Seek emergency medical attention or call the Poison Help line at 1-800-222-1222.

## What should I avoid while using Cosentyx?

Avoid receiving a "live" vaccine. Live vaccines include measles, mumps, rubella (MMR), rotavirus, typhoid, yellow fever, varicella (chickenpox), and zoster (shingles).

## What other drugs will affect Cosentyx?

Cosentyx may interact with other products, so tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, and herbal supplements.

Know the medicines you take and keep a list to show your healthcare provider and pharmacist when you start a new medicine or stop a regular medicine.

When starting or stopping this medicine patients who are receiving a CYP450 substrate medicine, particularly those with a narrow therapeutic index, your therapeutic effect or drug concentration may be monitored, and you may need to have a dosage adjustment of the CYP450 substrate. To check for interactions with Cosentyx, click on the link below.

Cosentyx drug interactions (more detail)

## Does Cosentyx interact with my other drugs?

Enter medications to view a detailed interaction report using our Drug Interaction Checker.

Cosentyx	
+	
Enter a drug name	Add

## **Storage**

- Store this medicine in a refrigerator between 36°F to 46°F (2°C to 8°C). Do not freeze this medicine.
- Keep this medicine in the original carton until ready for use to protect it from light.
- If necessary the Sensoready pen, Unoready pen, and prefilled syringes may be stored at room temperature, up to 86°F (30°C), for up to 4 days.
- Write the date the medicine was removed from the refrigerator in the space provided on the carton.
- If unused and stored below 30°C (86°F), the Sensoready pen, Unoready pen, and prefilled syringes may be returned to the refrigerator only one time. Throw them away if they have been kept outside of the refrigerator and have not been used in over 4 days.
- · Do not shake this medicine.
- Keep all medicines out of the reach of children.

# **Cosentyx Ingredients**

Active ingredient: secukinumab.

### Inactive ingredients:

Cosentyx Sensoready pen and prefilled syringe: L-histidine/histidine hydrochloride monohydrate, L-methionine, polysorbate 80, trehalose dihydrate, and sterile water for injection.

Cosentyx Vial: L-histidine/histidine hydrochloride monohydrate, polysorbate 80, and sucrose.

## **Manufacturer**

# **Cosentyx Biosimilars**

Biosimilar and interchangeable products are biological products that are highly similar to and have no clinically meaningful differences from the reference product.

## Reference products

These are biological products that have already been approved by the FDA, against which biosimilar products are compared. There is 1 for Cosentyx.

### Cosentyx (secukinumab) - Novartis Pharmaceuticals Corporation

Formulation type	Strength
Autoinjector	150 mg/mL
Autoinjector	300 mg/2 mL
Pre-Filled Syringe	150 mg/mL
Pre-Filled Syringe	300 mg/2 mL Discontinued
Pre-Filled Syringe	75 mg/0.5 mL
Single-Dose Vial	125 mg/5 mL
Single-Dose Vial	150 mg <b>Discontinued</b>

# **Popular FAQ**

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How does Taltz compare to Cosentyx for psoriatic arthritis?	~
Cosentyx vs Humira: How do they compare?	~
Does Cosentyx cause weight gain or loss?	~
What happens if Cosentyx is not refrigerated?	~
How long does Cosentyx stay in your system?	~
Is Cosentyx a biologic / immunosuppressant?	<b>~</b>

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#### References

1. Food and Drug Administration (FDA) Cosentyx Product Label

# More about Cosentyx (secukinumab)

- · Check interactions
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- Reviews (246)
- Drug images
- Side effects
- Dosage information
- Patient tips
- During pregnancy
- Support group
- FDA approval history
- Drug class: interleukin inhibitors
- Breastfeeding
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### **Professional resources**

- Cosentyx prescribing information
- Secukinumab (AHFS Monograph)

## Related treatment guides

- · Hidradenitis Suppurativa
- Enthesitis-Related Arthritis
- · Ankylosing Spondylitis
- Non-Radiographic Axial Spondyloarthritis

## **Further information**

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

#### **DRUG STATUS**

**Availability** 

Rx Prescription only

**Pregnancy & Lactation** 

ঝ Risk data available

**CSA Schedule\*** 

N/A Not a controlled drug

**Approval History** 

10 years FDA approved 2015

### **User Reviews & Ratings**

6.3 / 10

246 Reviews

### **Images**

Cosentyx 150 mg/mL single-dose Sensoready pen





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