

# Allopurinol

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Brand name: Zyloprim

Brand name: Lopurin

Brand name: Aloprim

IUPAC: 1,5-Dihydro-4H-pyrazolo[3,4-d ]pyrimidin-4-one

FDA approval: Yes

[Enlace del fabricante](#)

Usage:

Allopurinol is used in treatment of gout, high levels of acidity and prevention of gout attacks, which can be a side effects of certain cancer medications. Prescribed as an oral tablet, Allopurinol is taken once or twice a day after a meal.[1](#)

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<sup>1</sup> Allopurinol MedlinePlus <https://medlineplus.gov/druginfo/meds/a682673.html>

Mechanism:

Described as a xanthine oxidase inhibitor, Allopurinol promotes the reduction of uric acid in the body.[1](#)

The structure below shows the 3D conformer Allopurinol.

Sphere

Stick

Rotate

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<sup>1</sup> Allopurinol MedlinePlus <https://medlineplus.gov/druginfo/meds/a682673.html>

Side effects:

Allopurinol can increase the number of gout attacks suffered in the initial months of its use. Other side effects could include: upset stomach, diarrhea and drowsiness.[1](#)

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<sup>1</sup> Allopurinol MedlinePlus <https://medlineplus.gov/druginfo/meds/a682673.html>