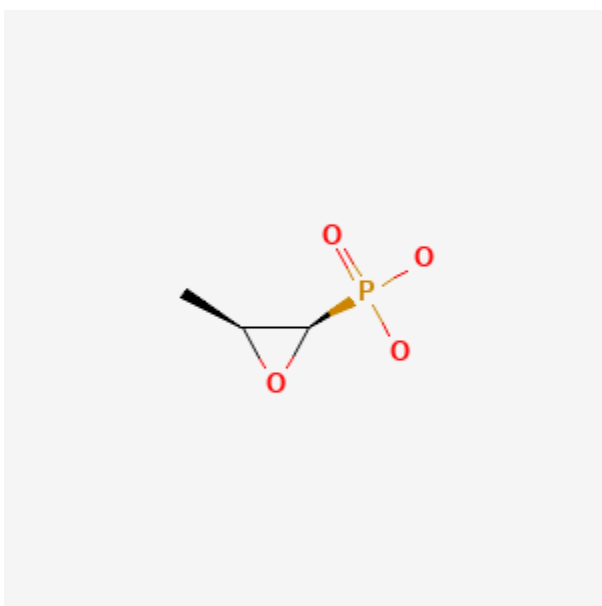




Fosfomycin

Revised: September 21, 2020.

CASRN: 23155-02-4



Drug Levels and Effects

Summary of Use during Lactation

Limited information indicates that fosfomycin produces low levels in milk and is unlikely to be absorbed well by the infant because of the binding to calcium in the milk.[1] It is unlikely to cause any adverse effects in breastfed infants.

Drug Levels

Maternal Levels. After 1 to 2 grams of fosfomycin given by injection, colostrum levels in 2 women were 4.8 mg/L and milk levels were 3.6 mg/L.[2,3] Further details of the studies were not given.

Infant Levels. Relevant published information was not found as of the revision date.

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Effects in Breastfed Infants

Relevant published information was not found as of the revision date.

Effects on Lactation and Breastmilk

Relevant published information was not found as of the revision date.

Alternate Drugs to Consider

Ciprofloxacin, Levofloxacin, Nitrofurantoin, Trimethoprim

References

1. Lebedevs T. Fosfomycin and breastfeeding. *Aust Prescr* 2020;43:113. Letter. doi:10.18773/austprescr.2020.042
2. Gallego A, Rodríguez A, Mata A. Fosfomycin: pharmacological studies. *Drugs Today (Barc)*. 1974;10 Suppl 1:161–8.
3. Kirby WM. Pharmacokinetics of fosfomycin. *Chemotherapy*. 1977;23 Suppl 1:141–51. PubMed PMID: 832510.

Substance Identification

Substance Name

Fosfomycin

CAS Registry Number

23155-02-4

Drug Class

Breast Feeding

Lactation

Antibacterial Agents

Anti-Infective Agents, Urinary