

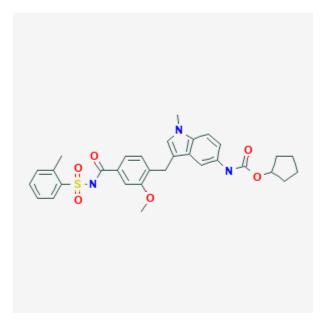
U.S. National Library of Medicine National Center for Biotechnology Information **NLM Citation:** Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Zafirlukast. [Updated 2019 May 1]. **Bookshelf URL:** https://www.ncbi.nlm.nih.gov/books/



# Zafirlukast

Revised: May 1, 2019.

CASRN: 107753-78-6



# **Drug Levels and Effects**

# Summary of Use during Lactation

No published information is available on the use of zafirlukast during breastfeeding; however, manufacturer's data indicate that the dose in milk is low. If zafirlukast is required by the mother, it is not a reason to discontinue breastfeeding. However, an alternate drug may be preferred, especially while nursing a newborn or preterm infant. Zafirlukast has been used in children as young as 12 months of age.[1]

# **Drug Levels**

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

**Disclaimer:** Information presented in this database is not meant as a substitute for professional judgment. You should consult your healthcare provider for breastfeeding advice related to your particular situation. The U.S. government does not warrant or assume any liability or responsibility for the accuracy or completeness of the information on this Site .

The manufacturer reports that after administration of zafirlukast 40 mg twice daily to lactating women (number not reported), average steady-state milk concentrations were 50 mcg/L.[2] Using these data, a fully breastfed infant would be expected to receive about 0.6% of the maternal weight-adjusted dosage.

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

# **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**

Beclomethasone, Cromolyn, Montelukast, Terbutaline, Theophylline

#### References

- 1. Berlin CM, Briggs GG. Drugs and chemicals in human milk. Semin Fetal Neonatal Med. 2005;10:149-59. PubMed PMID: 15701580.
- 2. Anon. Accolate Package Insert. AstraZeneca Pharmaceuticals. Wilmington DE. 2011.

# **Substance Identification**

#### **Substance Name**

Zafirlukast

#### **CAS Registry Number**

107753-78-6

#### **Drug Class**

Breast Feeding

Lactation

Anti-Asthmatic Agents

Leukotriene Antagonists