

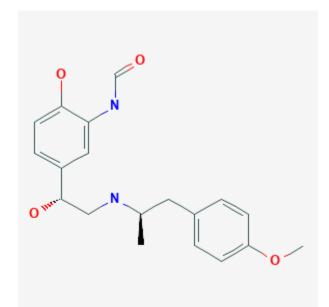
U.S. National Library of Medicine National Center for Biotechnology Information **NLM Citation:** Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Formoterol. [Updated 2018 Oct 31]. **Bookshelf URL:** https://www.ncbi.nlm.nih.gov/books/



# Formoterol

Revised: October 31, 2018.

CASRN: 73573-87-2



# **Drug Levels and Effects**

## Summary of Use during Lactation

Although no published data exist on the use of formoterol by inhaler during lactation, data from the related drug, terbutaline, indicate that very little is expected to be excreted into breastmilk.[1] The authors of several reviews and an expert panel agree that use of inhaled bronchodilators is acceptable during breastfeeding because of the low bioavailability and maternal serum levels after use.[2][3][4][5][6]

## **Drug Levels**

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

Infant 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 .

## **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**

Salmeterol

### References

- 1. Lindberg C, Boreus LO, de Chateau P et al. Transfer of terbutaline into breast milk. Eur J Resp Dis. 1984;65(Suppl 134):87-91. PubMed PMID: 6586490.
- 2. McDonald CF, Burdon JGW. Asthma in pregnancy and lactation. A position paper for the Thoracic Society of Australia and New Zealand. Med J Aust. 1996;165:485-8. PubMed PMID: 8937369.
- 3. Ellsworth A. Pharmacotherapy of asthma while breastfeeding. J Hum Lact. 1994;10:39-41. PubMed PMID: 7619245.
- 4. Nelson-Piercy C. Asthma in pregnancy. Thorax. 2001;56:325-8. PubMed PMID: 11254828.
- 5. Taddio A, Ito S. Drugs and breast-feeding. In: Koren G, ed. Maternal-fetal toxicology. A clinician's guide. 3rd ed. New York: Marcel Dekker, 2001:177-32.
- 6. National Heart, Lung, and Blood Institute, National Asthma Education and Prevention Program Asthma and Pregnancy Working Group. NAEPP expert panel report. Managing asthma during pregnancy: recommendations for pharmacologic treatment-2004 update. 2004;1-57. Available at: http:// www.nhlbi.nih.gov/health/prof/lung/asthma/astpreg.htm

# **Substance Identification**

#### **Substance Name**

Formoterol

## **CAS Registry Number**

73573-87-2

#### **Drug Class**

**Breast Feeding** 

Lactation

Anti-Asthmatic Agents

**Bronchodilator Agents** 

Beta Adrenergic Agonists