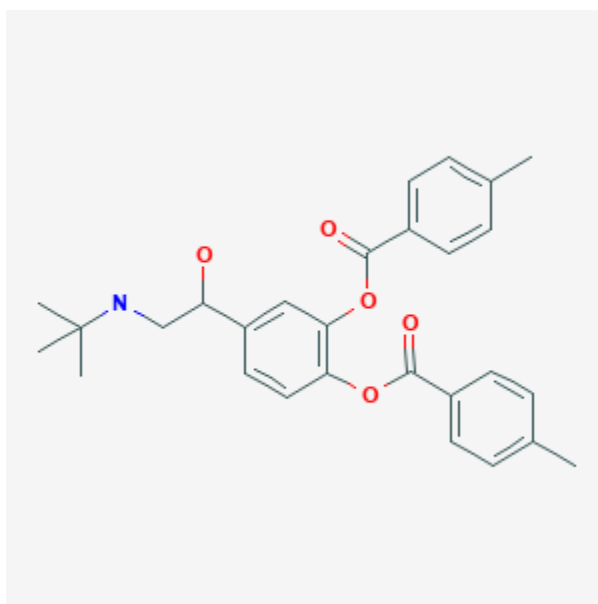




## Bitolterol

Revised: October 31, 2018.

CASRN: 30392-40-6



## Drug Levels and Effects

### Summary of Use during Lactation

Although no published data exist on the use of bitolterol by mouth or 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.

## 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

Terbutaline

## 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

Bitolterol

### CAS Registry Number

30392-40-6

### Drug Class

Breast Feeding

Lactation

Anti-Asthmatic Agents

Bronchodilator Agents

Beta Adrenergic Agonists