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### Bosentan

Revised: December 3, 2018.

CASRN: 147536-97-8

# **Drug Levels and Effects**

# **Summary of Use during Lactation**

There is little published experience with bosentan during breastfeeding. An alternate drug may be preferred, especially while nursing a newborn or preterm infant.

### **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**

A 23-year-old woman with congenital heart disease and pulmonary hypertension was treated during pregnancy with bosentan and sildenafil in unspecified dosages. These drugs and warfarin were continued postpartum. Her infant was delivered at 30 weeks by cesarean section and weighed 1.41 kg at birth. She nursed the infant in the neonatal intensive care unit for 11 weeks "with good outcome" according to the authors, but the infant died at 26 weeks from a respiratory syncytial virus infection.[1]

#### **Effects on Lactation and Breastmilk**

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

#### References

1. Molelekwa V, Akhter P, McKenna P et al. Eisenmenger's syndrome in a 27 week pregnancy--management with bosentan and sildenafil. Ir Med J. 2005;98:87-8. PubMed PMID: 15869069.

### **Substance Identification**

#### **Substance Name**

Bosentan

## **CAS Registry Number**

147536-97-8

### **Drug Class**

**Breast Feeding** 

Lactation

Antihypertensive Agents