

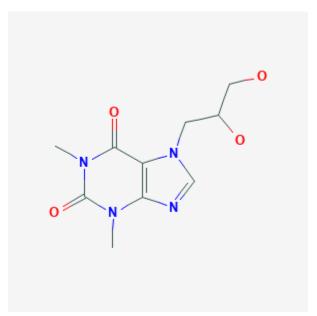
U.S. National Library of Medicine National Center for Biotechnology Information **NLM Citation:** Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. Dyphylline. [Updated 2018 Oct 31]. **Bookshelf URL:** https://www.ncbi.nlm.nih.gov/books/



# Dyphylline

Revised: October 31, 2018.

CASRN: 479-18-5



## **Drug Levels and Effects**

### Summary of Use during Lactation

Because of the relatively high levels in milk and a previous report with theophylline, occasional stimulant effects in infants should be anticipated in breastfed infants. No severe adverse reactions are expected. Amounts in milk can be minimized by avoiding breastfeeding for 3 to 4 hours after a dose.

### **Drug Levels**

*Maternal Levels*. After intramuscular administration of a single 5 mg/kg dose of dyphylline, peak milk levels usually occurred between 2 and 4 hours after the dose in 20 subjects. Peak milk levels averaged 24.3 mg/L.[1]

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**

Albuterol, Aminophylline, Theophylline

#### References

1. Jarboe CH, Cook LN, Malesic I, Fleischaker J. Dyphylline elimination kinetics in lactating women: blood to milk transfer. J Clin Pharmacol. 1981;21:405-10. PubMed PMID: 7309903.

### **Substance Identification**

#### **Substance Name**

Dyphylline

#### **CAS Registry Number**

479-18-5

#### **Drug Class**

Breast Feeding

Lactation

Anti-Asthmatic Agents

Bronchodilator Agents