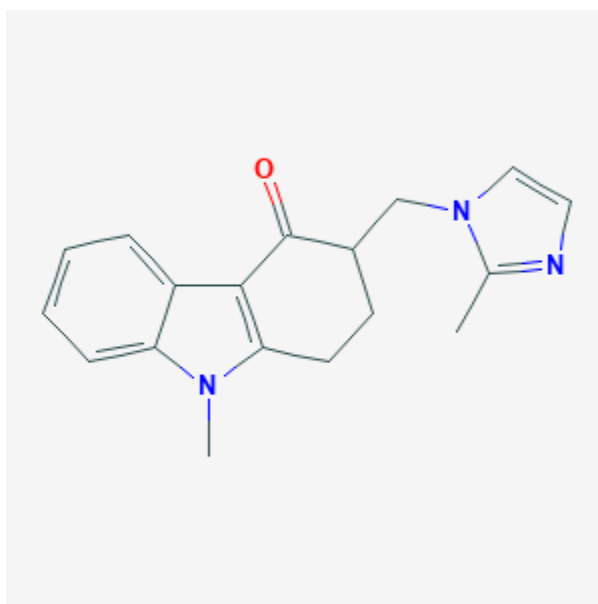




Ondansetron

Revised: February 7, 2019.

CASRN: 99614-02-5



Drug Levels and Effects

Summary of Use during Lactation

Little published information is available on the clinical use of ondansetron during breastfeeding, although it is apparently frequently used for nausea after cesarean section, usually in doses of 4 to 8 mg intravenously.[1][2] Use after cesarean section appears to not affect the onset of breastfeeding.[3] No adverse infant effects have been reported and the drug has been used in infants.[4] 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

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

Effects on Lactation and Breastmilk

A randomized, double-blind study compared placebo to intravenous ondansetron 4 mg given after cesarean section as prophylaxis for postoperative nausea and vomiting. There was no difference in the time of the first breastfeeding between the two groups.[3]

Alternate Drugs to Consider

Metoclopramide, Prochlorperazine

References

1. Smith I. Ondansetron after Caesarian section. Author response. Br J Anaesth. 2001;87:943. PubMed PMID: 11878706.
2. Suppa E, Valente A, Catarci S et al. A study of low-dose S-ketamine infusion as "preventive" pain treatment for cesarean section with spinal anesthesia: Benefits and side effects. Minerva Anesthesiol. 2012;78:774-81. PubMed PMID: 22374377.
3. Uerpairojkit K, Chesoh A, Budcharoentong D. Ondansetron for prophylaxis of spinal morphine induced nausea during early rooming in breastfeedinga randomized placebo controlled trial. J Med Assoc Thai. 2017;100:1283-9.
4. Elkomy MH, Sultan P, Carvalho B et al. Ondansetron pharmacokinetics in pregnant women and neonates: Towards a new treatment for neonatal abstinence syndrome. Clin Pharmacol Ther. 2015;97:167-76. PubMed PMID: 25670522.

Substance Identification

Substance Name

Ondansetron

CAS Registry Number

99614-02-5

Drug Class

Breast Feeding

Lactation

Antiemetics

Serotonin Antagonists