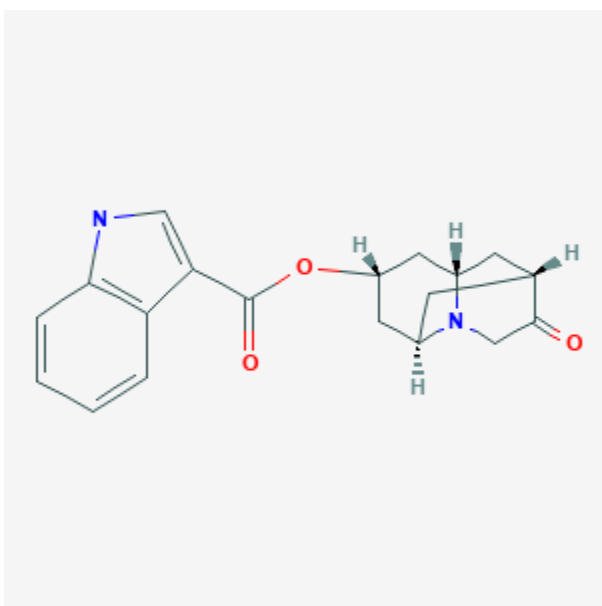




Dolasetron

Revised: February 15, 2021.

CASRN: 115956-12-2



Drug Levels and Effects

Summary of Use during Lactation

Little information is available on the use of dolasetron during breastfeeding. Until more data become available, dolasetron should be used with caution during breastfeeding. An alternate drug may be preferred.

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.

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Effects in Breastfed Infants

A double-blind study randomized 160 women receiving an elective cesarean section under spinal anesthesia to receive either sufentanil for patient-controlled intravenous analgesia (standard care) or standard care plus dexmedetomidine. Dexmedetomidine was given as 5 mcg/kg, followed by a continuous infusion of 0.5 mcg/kg per hour until the end of surgery. Patient in this latter group received dexmedetomidine plus sufentanil for patient-controlled intravenous analgesia postoperatively for 2 days. Both groups had 25 mg of dolasetron added to the patient-controlled intravenous analgesia solution and all mothers breastfed their infants. Both groups had good neonatal behavioral neurological assessments on days 1 and 2 postpartum.[1]

Effects on Lactation and Breastmilk

A double-blind study randomized 160 women receiving an elective cesarean section under spinal anesthesia to receive either sufentanil for patient-controlled intravenous analgesia (standard care) or standard care plus dexmedetomidine. Dexmedetomidine was given as 5 mcg/kg, followed by a continuous infusion of 0.5 mcg/kg per hour until the end of surgery. Patient in this latter group received dexmedetomidine plus sufentanil for patient-controlled intravenous analgesia postoperatively for 2 days. Both groups had 25 mg of dolasetron added to the patient-controlled intravenous analgesia solution. Patients who received dexmedetomidine had a shorter time to the first lactation (28 vs 34 hours), achieved exclusive breastfeeding sooner (8 vs 11 days) and had a greater amount of milk on the second day postpartum.[1]

Alternate Drugs to Consider

Ondansetron

Substance Identification

Substance Name

Dolasetron

CAS Registry Number

115956-12-2

Drug Class

Breast Feeding

Lactation

Antiemetics

Gastrointestinal Agents

Serotonin Antagonists

Serotonin 5-HT₃ Receptor Antagonists