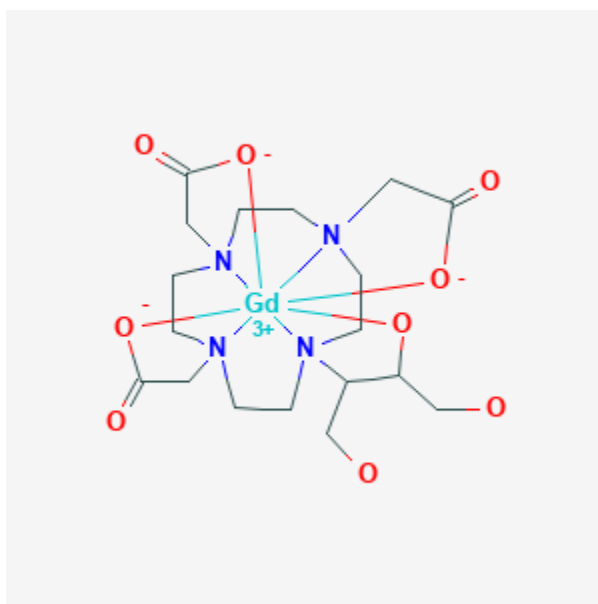




Gadobutrol

Revised: February 28, 2019.

CASRN: 770691-21-9



Drug Levels and Effects

Summary of Use during Lactation

There is no published experience with gadobutrol during breastfeeding. Guidelines developed by several professional organizations state that breastfeeding need not be disrupted after a nursing mother receives a gadolinium-containing contrast medium.[1][2][3][4] Gadobutrol is one of the most stable gadolinium agents, theoretically making it one of the safer drugs to use during breastfeeding. However, because there is no published experience with gadobutrol during breastfeeding, other agents 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.

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

Gadobutrol, Gadopentetate, Gadoteridol, Gadoterate

References

1. American College of Radiology Committee on Drugs and Contrast Media. Administration of contrast media to breast-feeding mothers. In, ACR manual on contrast media. 2017;Version 10.3:102-3. Available at: <https://www.acr.org/~/media/37D84428BF1D4E1B9A3A2918DA9E27A3.pdf>
2. Patenaude Y, Pugash D, Lim K et al. The use of magnetic resonance imaging in the obstetric patient. J Obstet Gynaecol Can. 2014;36:349-55. PubMed PMID: 24798674.
3. Committee Opinion No. 723: Guidelines for Diagnostic Imaging During Pregnancy and Lactation. Obstet Gynecol. 2017;130:e210-e216. PubMed PMID: 28937575.
4. European Society of Urogenital Radiology. ESUR guidelines on contrast media. 2018;Version 10.0. Available at: <http://www.esur-cm.org/index.php/en/>

Substance Identification

Substance Name

Gadobutrol

CAS Registry Number

770691-21-9

Drug Class

Breast Feeding

Lactation

Contrast Media

Diagnostic Agents