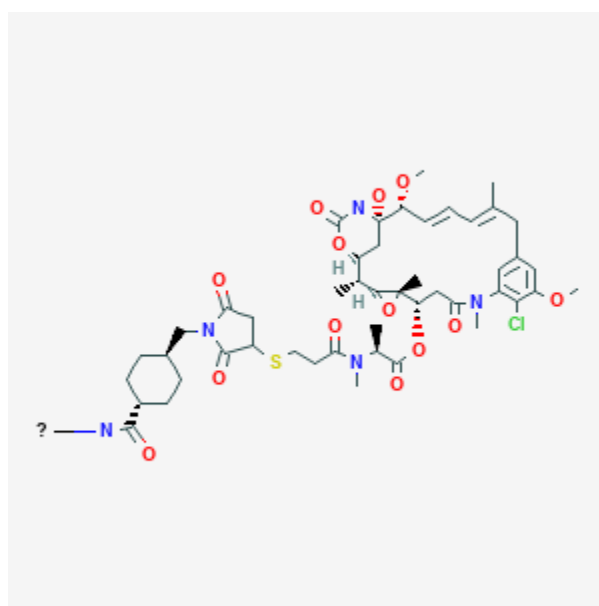




Ado-Trastuzumab Emtansine

Revised: December 3, 2018.

CASRN: 1018448-65-1



Drug Levels and Effects

Summary of Use during Lactation

No information is available on the clinical use of ado-trastuzumab during breastfeeding. Because trastuzumab is a large protein molecule with a molecular weight of 145,531, the amount in milk is likely to be very low and absorption is unlikely because it is probably destroyed in the infant's gastrointestinal tract. However, ado-trastuzumab emtansine also contains the small molecule cytotoxin, DM1, the manufacturer recommends avoiding breastfeeding during and for 7 months following ado-trastuzumab emtansine therapy.

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

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

References

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2. Adhisivam B, Vishnu Bhat B, Rao K et al. Effect of Holder pasteurization on macronutrients and immunoglobulin profile of pooled donor human milk. *J Matern Fetal Neonatal Med.* 2018;1-4. PubMed PMID: 29587541.
3. Rodriguez-Camejo C, Puyol A, Fazio L et al. Antibody profile of colostrum and the effect of processing in human milk banks: Implications in immunoregulatory properties. *J Hum Lact.* 2018;34:137-47. PubMed PMID: 28586632.

Substance Identification

Substance Name

Ado-Trastuzumab Emtansine

CAS Registry Number

1018448-65-1

Drug Class

Breast Feeding

Lactation

Antibodies, Monoclonal

Antineoplastic Agents