



Belantamab Mafodotin

Revised: November 15, 2023.

CASRN: 2050232-20-5

Drug Levels and Effects

Summary of Use during Lactation

Belantamab mafodotin has been discontinued in the United States. No information is available on the clinical use of belantamab mafodotin during breastfeeding. Because belantamab is a large protein molecule with a molecular weight of 152,000 Da, the amount in milk is likely to be very low.[1] It is also likely to be partially destroyed in the infant's gastrointestinal tract and absorption by the infant is probably minimal.[2] However, belantamab is conjugated with the small-molecule toxin, mafodotin, which might be excreted into milk and absorbed by the infant. Because of the potential for serious adverse reactions in the breastfed infant, the manufacturer recommends that breastfeeding be discontinued during therapy and for 3 months after the last dose.

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.

References

1. Stratigakis A, Paty D, Zou P, et al. A regression approach for assessing large molecular drug concentration in breast milk. *Reprod Breed* 2023;3:199-207. doi:10.1016/j.repbre.2023.10.003
2. Anderson PO. Monoclonal antibodies during breastfeeding. *Breastfeed Med* 2021;16:591-3. PubMed PMID: 33956488.

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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Substance Identification

Substance Name

Belantamab Mafodotin

CAS Registry Number

2050232-20-5

Drug Class

Breast Feeding

Lactation

Milk, Human

Antibodies, Monoclonal, Humanized

Antineoplastic Agents