U.S. National Library of Medicine
National Center for Biotechnology Information

NLM Citation: Drugs and Lactation Database (LactMed®) [Internet]. Bethesda (MD): National Institute of Child Health and Human Development; 2006-. Brentuximab Vedotin. [Updated 2023 Nov 15].
Bookshelf URL: https://www.ncbi.nlm.nih.gov/books/

Brentuximab Vedotin

Revised: November 15, 2023.

CASRN: 914088-09-8

Drug Levels and Effects

Summary of Use during Lactation

No information is available on the clinical use of brentuximab vedotin during breastfeeding. Because brentuximab is a large protein molecule with a molecular weight of about 153,000 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] Vedotin (monomethyl auristatin E) is a small-molecule anticancer drug that might enter milk and be absorbed by the infant. The manufacturer recommends that breastfeeding be discontinued during brentuximab vedotin 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.

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.

Substance Identification

Substance Name

Brentuximab Vedotin

CAS Registry Number

914088-09-8

Drug Class

Breast Feeding

Lactation

Milk, Human

Antibodies, Monoclonal