



Pemivibart

Revised: April 15, 2024.

CASRN: 2858673-18-2

Drug Levels and Effects

Summary of Use during Lactation

Pemivibart is a monoclonal antibody directed against the Omicron lineage of SARS-CoV-2. No information is available on its clinical use during breastfeeding. Because is a large protein molecule with a molecular weight of 147,500 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] Until more data become available, pemivibart should be used with caution during breastfeeding, 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

Nirmatrelvir, Remdesevir

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

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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- Anderson PO. Monoclonal antibodies during breastfeeding. Breastfeed Med 2021;16:591-3. PubMed PMID: 33956488.

Substance Identification

Substance Name

Pemivibart

CAS Registry Number

Pemivibart

Drug Class

Breast Feeding

Lactation

Milk, Human

Antibodies, Monoclonal

Antibodies, Viral

Antiviral Agents