



## Mirikizumab

Revised: November 15, 2023.

CASRN: 1884201-71-1

## Drug Levels and Effects

### Summary of Use during Lactation

No information is available on the clinical use of mirikizumab during breastfeeding. Because mirikizumab is a large protein molecule with a molecular weight of 147,000 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] Until more data become available, mirikizumab should be used with caution during breastfeeding, especially while nursing a newborn or preterm infant. Waiting for at least 2 weeks postpartum to resume therapy may minimize transfer to the infant.[3]

### 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.
3. Krysko KM, Dobson R, Alroughani R, et al. Family planning considerations in people with multiple sclerosis. *Lancet Neurol* 2023;22:350-66. PubMed PMID: 36931808.

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## Substance Identification

### Substance Name

Mirikizumab

### CAS Registry Number

1884201-71-1

### Drug Class

Breast Feeding

Lactation

Milk, Human

Antibodies, Monoclonal, Humanized

Anti-Ulcer Agents

Gastrointestinal Agents