



Pegloticase

Revised: November 15, 2023.

CASRN: 885051-90-1

Drug Levels and Effects

Summary of Use during Lactation

No information is available on the use of pegloticase during breastfeeding. Because pegloticase is a very large molecule with molecular weight of 540,000 Da, and composed of smaller subunits with molecular weights of 34,000 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] Polyethylene glycol is not excreted into breastmilk.[3] Until more safety data become available, an alternate drug may be preferred.

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

Allopurinol, Probenecid

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

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2. Anderson PO. Monoclonal antibodies during breastfeeding. Breastfeed Med 2021;16:591-3. PubMed PMID: 33956488.
3. Clowse ME, Förger F, Hwang C, et al. Minimal to no transfer of certolizumab pegol into breast milk: Results from CRADLE, a prospective, postmarketing, multicentre, pharmacokinetic study. Ann Rheum Dis 2017;76:1890-6. PubMed PMID: 28814432.

Substance Identification

Substance Name

Pegloticase

CAS Registry Number

885051-90-1

Drug Class

Breast Feeding

Lactation

Milk, Human

Antigout Agents

Gout Suppressants