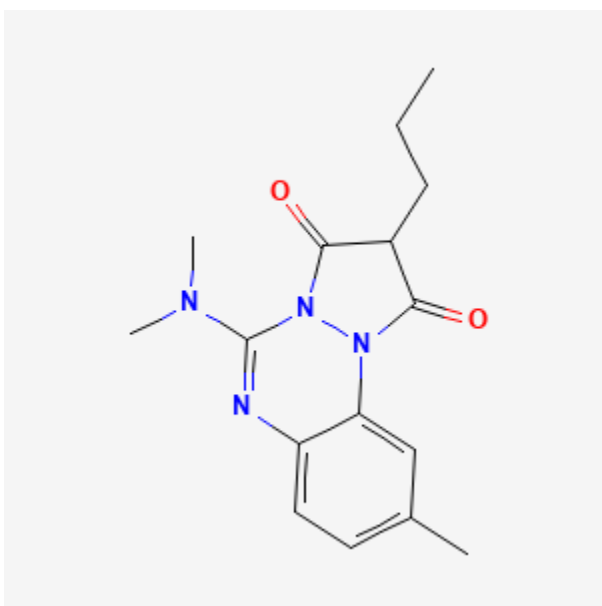




## Apazone

Revised: July 20, 2020.

CASRN: 13539-59-8



## Drug Levels and Effects

### Summary of Use during Lactation

Apazone (azapropazone) is not approved for marketing in the United States by the U.S. Food and Drug Administration. Relatively small amounts of the drug are excreted into breastmilk; however, the toxicity of the drug limits its usefulness in nursing mothers.[1] An alternate drug is preferred, especially while nursing a newborn or preterm infant.

### Drug Levels

*Maternal Levels.* Four women received apazone 600 mg intravenously within 2 hours postpartum, then twice daily for 5 to 10 days. Apazone was measured in the blood and breastmilk twice between days 4 and 6

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postpartum at 4, 8 and 12 hours after the morning dose. The authors calculated that an average of 0.8 mg (range 0.2 to 1.3 mg) of apazone was excreted in milk over a 12-hour dosage interval.[2] Using reported infant and maternal body weights, a fully breastfed infant would receive an average of 2.13% (range 1.04 to 3.03%) of the mother's weight-adjusted dosage.

*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

(Analgesia) Acetaminophen, Flurbiprofen, Ibuprofen, Indomethacin, Naproxen, Piroxicam; (Hyperuricemia) Probenecid

## References

1. Spigset O, Hagg S. Analgesics and breast-feeding: Safety considerations. *Paediatr Drugs*. 2000;2:223–38. PubMed PMID: 10937472.
2. Bald R, Bernbeck-Betthausen EM, Spahn H, et al. Excretion of azapropazone in human breast milk. *Eur J Clin Pharmacol*. 1990;39:271–3. PubMed PMID: 2257865.

## Substance Identification

### Substance Name

Apazone

### CAS Registry Number

13539-59-8

### Drug Class

Breast Feeding

Lactation

Anti-Inflammatory Agents, Non-Steroidal

Uricosuric Agents