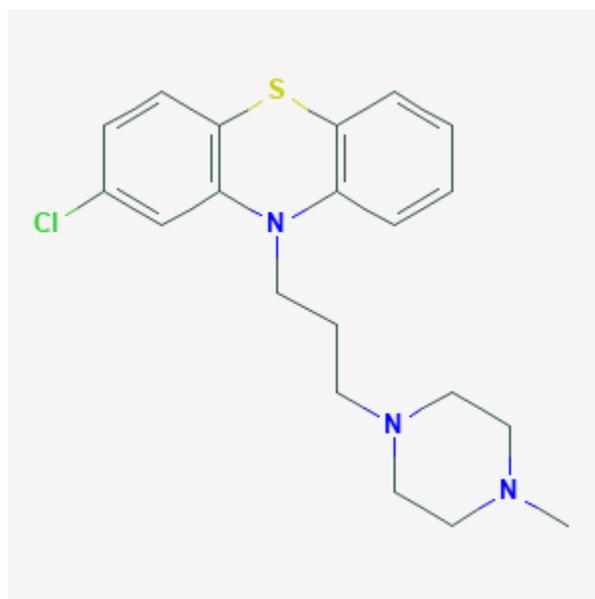




## Prochlorperazine

Revised: October 31, 2018.

CASRN: 58-38-8



## Drug Levels and Effects

### Summary of Use during Lactation

Based on minimal excretion of other phenothiazine derivatives, it appears that occasional short-term use of prochlorperazine for the treatment of nausea and vomiting poses little risk to the breastfed 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.

**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.

**Attribution Statement:** LactMed is a registered trademark of the U.S. Department of Health and Human Services.

## Effects in Breastfed Infants

Relevant published information was not found as of the revision date.

## Effects on Lactation and Breastmilk

Galactorrhea has been reported with prochlorperazine.[1] Hyperprolactinemia appears to be the cause of the galactorrhea.[2][3][4] The hyperprolactinemia is caused by the drug's dopamine-blocking action in the tuberoinfundibular pathway.[5] The prolactin level in a mother with established lactation may not affect her ability to breastfeed.

## References

1. Hooper JH Jr, Welch VC, Shackelford RT. Abnormal lactation associated with tranquilizing drug therapy. *JAMA*. 1961;178:506-7. PubMed PMID: 14448766.
2. Turkington RW. Prolactin secretion in patients treated with various drugs: phenothiazines, tricyclic antidepressants, reserpine, and methyldopa. *Arch Intern Med*. 1972;130:349-54. PubMed PMID: 4560178.
3. Turkington RW. Serum prolactin levels in patients with gynecomastia. *J Clin Endocrinol Metab*. 1972;34:62-6. PubMed PMID: 5061776.
4. Meltzer HY, Fang VS. The effect of neuroleptics on serum prolactin in schizophrenic patients. *Arch Gen Psychiatry*. 1976;33:279-86. PubMed PMID: 1259521.
5. Maguire GA. Prolactin elevation with antipsychotic medications: mechanisms of action and clinical consequences. *J Clin Psychiatry*. 2002;63(suppl 4):56-62. PubMed PMID: 11913677.

## Substance Identification

### Substance Name

Prochlorperazine

### CAS Registry Number

58-38-8

### Drug Class

Breast Feeding

Lactation

Antiemetics

Phenothiazines

Gastrointestinal Agents