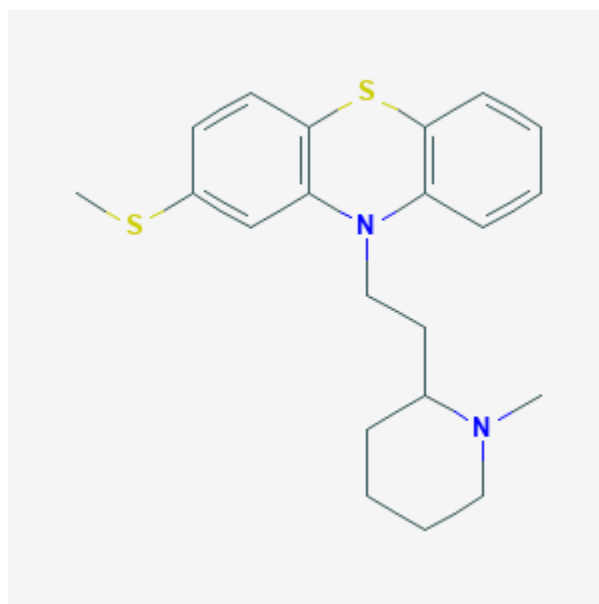




Thioridazine

Revised: October 31, 2018.

CASRN: 50-52-2



Drug Levels and Effects

Summary of Use during Lactation

Because there is no published experience with thioridazine during breastfeeding, an alternate drug may be preferred, 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

Phenothiazines cause galactorrhea in 26 to 40% of female patients.[1][2] Hyperprolactinemia appears to be the cause of the galactorrhea.[3][4][5] There is some evidence that thioridazine increases serum prolactin to a greater extent than other phenothiazines.[6] The hyperprolactinemia is caused by the drug's dopamine-blocking action in the tuberoinfundibular pathway.[7] The prolactin level in a mother with established lactation may not affect her ability to breastfeed.

Alternate Drugs to Consider

Haloperidol, Olanzapine

References

1. Polishuk WZ, Kulcsar S. Effects of chlorpromazine on pituitary function. *J Clin Endocrinol Metab.* 1956;16:292-3. PubMed PMID: 13286329.
2. Hooper JH Jr, Welch VC, Shackelford RT. Abnormal lactation associated with tranquilizing drug therapy. *JAMA.* 1961;178:506-7. PubMed PMID: 14448766.
3. 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.
4. Turkington RW. Serum prolactin levels in patients with gynecomastia. *J Clin Endocrinol Metab.* 1972;34:62-6. PubMed PMID: 5061776.
5. Meltzer HY, Fang VS. The effect of neuroleptics on serum prolactin in schizophrenic patients. *Arch Gen Psychiatry.* 1976;33:279-86. PubMed PMID: 1259521.
6. Goodnick PJ, Rodriguez L, Santana O. Antipsychotics: impact on prolactin levels. *Expert Opin Pharmacother.* 2002;3:1381-91. PubMed PMID: 12387684.
7. 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

Thioridazine

CAS Registry Number

50-52-2

Drug Class

Breast Feeding

Lactation

Antipsychotic Agents

Phenothiazines