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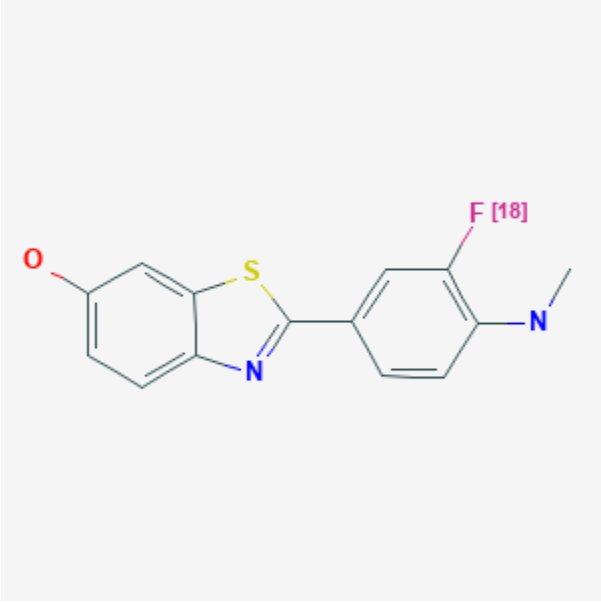
Flutemetamol F 18

Revised: June 30, 2019.

CASRN: 765922-62-1



Drug Levels and Effects

Summary of Use during Lactation

Information in this record refers to the use of flutemetamol F 18 as a diagnostic agent. No information is available on the use of flutemetamol F 18 during breastfeeding. The manufacturer recommends withholding breastfeeding for 24 hours after a diagnostic dose of 185 MBq (5 mCi). This length of time is about 10 half-lives of fluoride F 18 and less than 0.01% of the radioactivity administered will remain in the body. The mother can nurse just before administration of the radiopharmaceutical. If the mother has expressed and saved milk prior to the examination, she can feed it to the infant during the period of nursing interruption.[1][2][3]

Drug Levels

Fluoride F18 decays by positron emission with a physical half-life of 109.7 minutes.

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. Howe DB, Beardsley M, Bakhsh S. Appendix U. Model procedure for release of patients or human research subjects administered radioactive materials. In, NUREG-1556. Consolidated guidance about materials licenses. Program-specific guidance about medical use licenses. Final report. U.S. Nuclear Regulatory Commission Office of Nuclear Material Safety and Safeguards. 2008;9, Rev. 2. Available at: http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v9/r2/
2. Mountford PJ, Coakley AJ. A review of the secretion of radioactivity in human breast milk: data, quantitative analysis and recommendations. Nucl Med Commun. 1989;10:15-27. PubMed PMID: 2645546.
3. Early PJ, Sodee DB. Principles and practice of nuclear medicine. 2nd ed. St. Louis. Mosby-Year Book, Inc. 1995:1380-1.

Substance Identification

Substance Name

Flutemetamol F 18

CAS Registry Number

765922-62-1

Drug Class

Breast Feeding

Lactation

Radiopharmaceuticals

Fluorine Radioisotopes

Diagnostic Agents