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NLM Citation: Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): National Library of Medicine (US); 2006-. d-Xylose C14. [Updated 2018 Dec 3].
Bookshelf URL: https://www.ncbi.nlm.nih.gov/books/

d-Xylose C14

Revised: December 3, 2018.

Drug Levels and Effects

Summary of Use during Lactation

Information in this record refers to the use of d-xylose C 14 as a diagnostic agent. Breastfeeding does not need to be suspended after administration of d-xylose C 14.

Drug Levels

Carbon 14 is a low-energy beta emitter with a physical half-life of about 5730 years. (1-14C)-triolein has an effective half-life of 15 hours. Approximately 14% of the injected radioactivity is excreted into breastmilk.[1]

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. Leide-Svegborn S, Ahlgren L, Johansson L et al. Excretion of radionuclides in human breast milk after nuclear medicine examinations. Biokinetic and dosimetric data and recommendations on breastfeeding interruption. Eur J Nucl Med Mol Imaging. 2016;43:808-21. PubMed PMID: 26732471.

Substance Identification

Substance Name

d-Xylose C14

Drug Class

Breast Feeding

Lactation

Radiopharmaceuticals

Carbon Radioisotopes

Diagnostic Agents