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Water O 15

Revised: June 30, 2019.

CASRN: 24286-21-3



Drug Levels and Effects

Summary of Use during Lactation

Information in this record refers to the use of water O 15 as a diagnostic agent. No information is available on the use of water O 15 during breastfeeding. The International Commission on Radiological Protection states that breastfeeding need not be interrupted after administration of oxygen 15 radiopharmaceuticals because of the isotope's short half-life.[1]

Drug Levels

Oxygen 15 decays by positron emission with a half-life of 122 seconds

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 .

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. Mattsson S, Johansson L, Leide Svegborn S et al. Radiation dose to patients from radiopharmaceuticals: A compendium of current information related to frequently used substances. Annex D. Recommendations on breast-feeding interruptions. Ann ICRP. 2015;44 (2 Suppl):319-21. PubMed PMID: 26069086.

Substance Identification

Substance Name

Water O 15

CAS Registry Number

24286-21-3

Drug Class

Breast Feeding Lactation Radiopharmaceuticals Oxygen Radioisotopes

Diagnostic Agents