



## Water O 15

Revised: June 30, 2019.

CASRN: 24286-21-3

O [15]

## 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

## 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