



Oxygen-15

Revised: December 3, 2018.

CASRN: 13982-43-9

O [15]

Drug Levels and Effects

Summary of Use during Lactation

Information in this record refers to the use of oxygen-15 radiopharmaceuticals as diagnostic agents. The International Commission on Radiological Protection also recommends that breastfeeding need not be interrupted after administration of radiopharmaceuticals containing oxygen-15.[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

Oxygen-15

CAS Registry Number

13982-43-9

Drug Class

Breast Feeding

Lactation

Radiopharmaceuticals

Oxygen Radioisotopes

Diagnostic Agents