



Edotreotide Gallium Ga-68

Revised: January 18, 2021.

CASRN: 2101630-92-4

Drug Levels and Effects

Summary of Use during Lactation

Edotreotide gallium Ga-68 (Ga 68 Dotatoc) is used for localization of somatostatin receptor positive neuroendocrine tumors. Labeling in the U.S. advises nursing mothers to pump and discard breastmilk for 8 hours after a dose.

Mothers concerned about the level of radioactivity in their milk could ask to have it tested at a nuclear medicine facility at their hospital. When the radioactivity is at a safe level, she may resume breastfeeding. A method for measuring milk radioactivity and determining the time when a mother can safely resume breastfeeding has been published.[1]

Nursing mothers should not work with radioactive substances used in PET scans in their workplace.[2]

Drug Levels

Maternal Levels. Relevant published information was not found as of the revision date.

Infant Levels. Relevant published information was not found as of the revision date.

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. Stabin MG, Breitz HB. Breast milk excretion of radiopharmaceuticals: Mechanisms, findings, and radiation dosimetry. *J Nucl Med.* 2000;41:863–73. PubMed PMID: 10809203.

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2. Almén A, Mattsson S. Radiological protection of fetuses and breast-fed children of occupationally exposed women in nuclear medicine - Challenges for hospitals. *Phys Med.* 2017;43:172–7. PubMed PMID: 28882410.

Substance Identification

Substance Name

Edotreotide Gallium Ga-68

CAS Registry Number

2101630-92-4

Drug Class

Breast Feeding

Lactation

Radiopharmaceuticals

Diagnostic Agents

Gallium Radioisotopes