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Iodine I-131

National Cancer Institute

Source

National Cancer Institute. *Iodine I-131*. NCI Thesaurus. Code C1639.

A radioactive isotope of iodine with an atomic mass of 131, a half life of eight days, and potential antineoplastic activity. Selectively accumulating in the thyroid gland, iodine I 131 emits beta and gamma particles, thereby killing thyroid cells and decreasing thyroid hormone production.