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Fluorodeoxygalactose F-18

National Cancer Institute

Source

National Cancer Institute. *Fluorodeoxygalactose F-18*. NCI Thesaurus. Code C94212.

A radioconjugate containing the D-galactose analogue 2-deoxy-2-fluoro-D-galactose (FDGal) labeled with the positron-emitting radioactive isotope fluorine F18, used for imaging upon positron emitting tomography (PET). With cell uptake much higher in tumor cells compared to normal cells, the F18 moiety of fluorodeoxygalactose F-18 can be visualized upon PET imaging and this agent can be used as a tracer for the evaluation of galactose tumor uptake and metabolism.