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Fluorine F 18 Sodium Fluoride

National Cancer Institute

Source

National Cancer Institute. *Fluorine F 18 Sodium Fluoride*. NCI Thesaurus. Code C66941.

A radiopharmaceutical consisting of the sodium salt of fluorine F 18 fluoride with radioisotopic and bone mineralizing activities. Fluoride binds to calcium ions in hydroxyapatite crystals in bone. The uptake and incorporation of positron-emitting fluorine F 18 fluoride into bone can be imaged using positron emission tomography (PET) or single-photon emission computed tomography (SPECT), allowing visualization of malignant bone lesions in which regional blood flow and bone turnover are increased.