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# Fluorine F 18 FDHT

National Cancer Institute

## Source

National Cancer Institute. *Fluorine F 18 FDHT*. NCI Thesaurus. Code C112496.

A radioconjugate containing a derivative of the androgen testosterone, 16-beta-fluoro-5-alpha-dihydrotestosterone (FDHT), labeled with the radioisotope fluorine F18 (18F-FDHT), with potential use as an imaging agent for positron emission tomography (PET). Upon administration, 18F-FDHT binds to the androgen receptor (AR). Upon PET imaging, AR-expressing prostate tumor cells can be imaged and assessed.