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# Florbetaben (18F)

National Cancer Institute

## Source

National Cancer Institute. *Florbetaben (18F)*. NCI Thesaurus. Code C132687.

A stilbene derivative labeled with the positron-emitting isotope fluorine F 18, that may be used for positron emission tomography (PET) detection of beta-amyloid neuritic plaques and other amyloid protein deposits. Upon administration, F 18-florbetaben exhibits differential retention in regions that contain certain amyloid deposits. Differences in signal intensity between tissues showing specific and non-specific uptake of F 18-florbetaben allows for the detection of amyloid neuritic plaques in patients being evaluated for Alzheimer's disease, and potentially the detection of amyloid deposits in amyloidosis.