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Technetium Tc 94m Sestamibi

National Cancer Institute

Source

National Cancer Institute. *Technetium Tc 94m Sestamibi*. NCI Thesaurus. Code C48423.

A radioconjugate consisting of sestamibi labeled with the positron-emitting isotope Tc 94m. Sestamibi is a synthetic molecule of the isonitrile family that diffuses through cell membranes and may preferentially accumulate within mitochondria. Technetium Tc 94m sestamibi may be used in tumor-imaging studies utilizing positron emission tomography (PET). (NCI05)