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# Technetium Tc-99m Tetrofosmin

National Cancer Institute

## Source

National Cancer Institute. *Technetium Tc-99m Tetrofosmin*. NCI Thesaurus. Code C87410.

A radiopharmaceutical consisting of tetrofosmin, composed of two bidentate diphosphine ligands chelating the metastable radioisotope technetium Tc-99 (99mTc), with potential imaging activity upon SPECT (single photon emission computed tomography). Upon administration, technetium Tc 99m tetrofosmin is preferentially taken up by, and accumulates in, myocardial cells. Upon imaging, myocardial cells can be visualized and changes in ischemia and/or perfusion can be detected.