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Thorium Th 227 Anetumab

National Cancer Institute

Source

National Cancer Institute. *Thorium Th 227 Anetumab*. NCI Thesaurus. Code C155977.

A radioimmunoconjugate consisting of anetumab, a human immunoglobulin G1 (IgG1) monoclonal antibody directed against the cell surface glycoprotein mesothelin, conjugated to an as of yet not disclosed chelating agent, and labeled with the alpha-emitting radioisotope thorium Th 227, with potential antineoplastic activity. Upon administration the monoclonal antibody moiety of thorium Th 227 anetumab binds to the tumor-associated antigen (TAA) mesothelin, delivering a cytotoxic dose of alpha radiation to cells expressing mesothelin.