

[Open Peer Review on Qeios](#)

# Yttrium Y-90 Tacatuzumab Tetraxetan

National Cancer Institute

## Source

National Cancer Institute. *Yttrium Y-90 Tacatuzumab Tetraxetan*. NCI Thesaurus. Code C48428.

A radioimmunoconjugate comprised of the humanized monoclonal antibody tacatuzumab, directed against alpha fetoprotein, that is conjugated to the chelating agent tetraxetan and radiolabeled with the beta-emitting radioisotope Yttrium Y 90. Yttrium Y 90 tacatuzumab tetraxetan binds to tumor cells expressing alpha fetoprotein, thereby selectively delivering a cytotoxic dose of beta radiation.