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# Technetium Tc-99m Glycopeptide

National Cancer Institute

## Source

National Cancer Institute. *Technetium Tc-99m Glycopeptide*. NCI Thesaurus. Code C91737.

A technetium Tc 99m radiopharmaceutical of a glutamate-rich peptide (GP) conjugated, via carbodiimide linker, to the heparin-like polysaccharide chitosan (CH) in a 1:1 ratio, with potential tumor targeting property. Upon administration, 99m Tc-glycopeptide targets and is taken up by glutamate-specific transporters on tumor cells. Upon internalization, the Tc99m moiety can be visualized upon scanning. GP may potentially be used as a drug carrier for antineoplastic drug delivery to tumor cells.