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Iodine I 131 MIP-1095

National Cancer Institute

Source

National Cancer Institute. *Iodine I 131 MIP-1095*. NCI Thesaurus. Code C131821.

A radioconjugate composed of MIP-1095, a urea-based ligand for the tumor-associated antigen (TAA) prostate-specific membrane antigen (PSMA) radiolabeled with iodine I 131 (I131), with potential antineoplastic activity. Upon administration of iodine I 131 MIP-1095, the MIP-1095 moiety selectively targets and binds to the extracellular domain of PSMA, thereby delivering cytotoxic iodine I 131 specifically to PSMA-expressing cancer cells. PSMA is a transmembrane glycoprotein that is highly expressed by malignant prostate epithelial cells and certain other tumor cells.