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Iofolastat I123

National Cancer Institute

Source

National Cancer Institute. *Iofolastat I123*. NCI Thesaurus. Code C78827.

An iodine 123-radiolabeled small molecule that exhibits high affinity for prostate-specific membrane antigen (PSMA) with potential use in molecular imaging. Iofolastat I123, a radiolabeled glutamate-urea-lysine analogue, selectively binds PSMA, which allows imaging of PSMA-expressing prostate cancer cells with gamma scintigraph. PSMA is a transmembrane glycoprotein highly expressed by malignant prostate epithelial cells and vascular endothelial cells of various solid tumors.