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Edotreotide

National Cancer Institute

Source

National Cancer Institute. *Edotreotide*. NCI Thesaurus. Code C2616.

A chelated octreotide derivative with somatostatin activity. Edotreotide is produced by substituting tyrosine for phenylalanine at the 3 position of octreotide and chelated via dodecanetetracetic acid (DOTA). Like octreotide, this edotreotide binds to somatostatin receptors (SSTRs), especially type 2, present on the cell membrane of many types of neuroendocrine tumors. When labeled with nuclides, edotreotide conjugates could result in tissue specific cytotoxicity.