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Pasireotide

National Cancer Institute

Source

National Cancer Institute. *Pasireotide*. NCI Thesaurus. Code C69131.

A synthetic long-acting cyclic peptide with somatostatin-like activity. Pasireotide activates a broad spectrum of somatostatin receptors, exhibiting a much higher binding affinity for somatostatin receptors 1, 3, and 5 than octreotide in vitro, as well as a comparable binding affinity for somatostatin receptor 2. This agent is more potent than somatostatin in inhibiting the release of human growth hormone (HGH), glucagon, and insulin.