Human Octreotide

CLHOR265
CLHOR265-2
Lot: 506OCT01

**Description:** Synthetic Human Octreotide is a single, non-glycosylated, polypeptide chain containing 8 amino acids, having a molecular mass of 1019.26 Dalton and a molecular formula of C_{49}H_{66}N_{10}O_{10}S_{2}. Octreotide acetate is a longer acting synthetic octapeptide analog of naturally occurring somatostatin. It inhibits the secretion of gastro-entero-pancreatic peptide hormones and the release of growth hormone.

**Presentation:** 1 mg (CLHOR265) or 5 mg (CLHOR265-2) sterile filtered white lyophilized powder. The Octreotide was lyophilized from a concentrated (1mg/ml) solution with no additives.

**Solubility:** It is recommended to reconstitute the lyophilized Octreotide in sterile 18MΩ-cm H_{2}O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:** Lyophilized Octreotide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Octreotide should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Purity:** Greater than 98.0% as determined by RP-HPLC, Anion-exchange FPLC and anaysis by reducing and non-reducing SDS-PAGE silver stained gel. Octreotide is purified by proprietary chromatographic techniques.

**Amino acid sequence:** The sequence was determined to be H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol.

**References:**

**FOR RESEARCH USE ONLY.**