

## 32-2056: Octreotide

### Description

Source : Octreotide Human Synthetic 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<sub>49</sub>H<sub>66</sub>N<sub>10</sub>O<sub>10</sub>S<sub>2</sub>. Octreotide is purified by proprietary chromatographic techniques. 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.

### Product Info

<b>Amount :</b>	5 mg
<b>Purification :</b>	Greater than 98.0% as determined by RP-HPLC.
<b>Content :</b>	The Octreotide was lyophilized from a concentrated (1 mg/ml) solution with no additives. 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.
<b>Storage condition :</b>	
<b>Amino Acid :</b>	H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol.

### Application Note

It is recommended to reconstitute the lyophilized Octreotide in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

