

## 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  $C_{49}H_{66}N_{10}O_{10}S_2$ . 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.
<b>Storage condition :</b>	Lyophilized Octreotide although stable at room temperature for 3 weeks, should be stored desiccated below $-18^{\circ}\text{C}$ . Upon reconstitution Octreotide should be stored at $4^{\circ}\text{C}$ between 2-7 days and for future use below $-18^{\circ}\text{C}$ . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<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  $18\text{M}\Omega\text{-cm}$   $\text{H}_2\text{O}$  not less than  $100\text{ }\mu\text{g/ml}$ , which can then be further diluted to other aqueous solutions.

