
Product Data Sheet

Product Name: OCT Human
 Cat. No.: GP21281
 Batch No.: 1

Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Amino Acid Sequence	H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol.		
Solubility	It is recommended to reconstitute the lyophilized Octreotide in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The Octreotide was lyophilized from a concentrated (1mg/ml) solution with no additives.		

Introduction

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.

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.

Background

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 C₄₉H₆₆N₁₀O₁₀S₂.Octreotide is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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