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UNITED STATES

AR10237PU-S

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Human Octreotide - Purified

Catalog No.: AR10237PU-S

Quantity: 1 mg

Concentration: 1.0 mg/ml (prior to lyophil.)

Background: 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.

Species: Human
Source: Synthetic

Format: State: Sterile Filtered White lyophilized (freeze-dried) powder without additives

Purity: > 98.0% as determined by RP-HPLC

Reconstitution: Restore in sterile $18M\Omega$ -cm⁻¹ H₂O not less than 100 µg/ml, which can then

be further diluted to other aqueous solutions.

Description: Synthetic Human Octreotide is a single, non-glycosylated, polypeptide chain containing 8

amino acids.

Molecular formula: $C_{49}H_{66}N_{10}O_{10}S_2$.

Octreotide is purified by proprietary chromatographic techniques.

AA Sequence:

H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol

Molecular weight: 1019.26 Da

Storage: Prior to reconstitution store at RT for one month or desiccated below -18°C.

Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C

for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.