



Octreotide

Product Data Sheet

Cat. No.:	A226501	A226505	A226525
Size:	1 mg	5 mg	25 mg

Description

Octreotide is a single, non-glycosylated, synthetic polypeptide chain. It contains 8 amino acids and has a molecular mass of 1019.26 Dalton. Octreotide is purified by proprietary chromatographic techniques.

Summary

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.

CAS Registry No.

83150-76-9

Molecular Weight

1019.26 Dalton

Molecular Formula

$C_{49}H_{66}N_{10}O_{10}S_2$

Amino Acid Sequence

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

Type

Synthetic peptide hormone

Purity

Purity greater than 98.0% as determined by RP-HPLC.

update: 06.2023

Ilex Life Sciences LLC

1465 Sand Hill Rd, Suite 2018, Candler, NC 28715

Tel.: (828) 531-9949; Email: info@ilexlife.com

Web: <https://ilexlife.com/>



Formulation

Sterile-filtered white lyophilized (freeze-dried) powder. The Octreotide was lyophilized from a concentrated (1 mg/ml) solution with no additives.

Reconstitution

It is recommended to reconstitute the lyophilized Octreotide in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Shipping

Ships at ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Expiration

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.**

Usage

This product is intended for **Laboratory Research Use Only**. Not for use in diagnostic or therapeutic procedures. This product may not be used as a pharmaceutical or veterinary drug, agricultural product, or food additive.

update: 06.2023

Ilex Life Sciences LLC

1465 Sand Hill Rd, Suite 2018, Candler, NC 28715

Tel.: (828) 531-9949; Email: info@ilexlife.com

Web: <https://ilexlife.com/>