

Product Specifications

Product Name: Octreotide Acetate

CAS No.: 83510-76-9

Sequence: D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-NH₂

Mol. Formula **C₄₉H₆₆N₁₀O₁₀S₂** **Mol. Wt.** 1019.28

<i>Test</i>	<i>Specification</i>
-------------	----------------------

Appearance	White powder
-------------------	--------------

Specific Optical Rotation (c=0.5, 95% HOAc)	- 45.0 ~ -55.0°
---	-----------------

Purity (HPLC)	≥ 98.0%
----------------------	---------

Single Impurity (by HPLC)	< 1.0%
----------------------------------	--------

Acetate Content (HPLC)	< 15.0%
-------------------------------	---------

Peptide Content (by %N)	80%
--------------------------------	-----

Amino Acid Composition	±10% of theoretical
-------------------------------	---------------------

Bacterial Endotoxins	< 5 EU/mg
-----------------------------	-----------

Water Content (K-F)	< 6.0%
----------------------------	--------

Storage: Maintain in dry, cold (2-8 °C) containment.