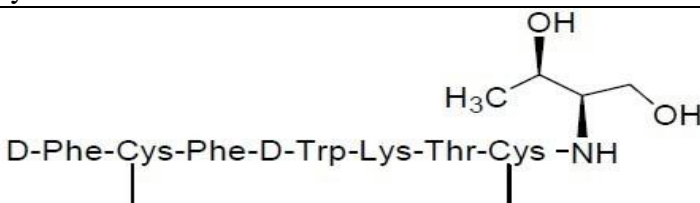


Technical Data Sheet of Octreotide Acetate

Product Name	Octreotide Acetate
CAS NO.	83150-76-9
Molecular Formula	C ₄₉ H ₆₆ N ₁₀ O ₁₀ S ₂
Molecular Weight	1019.28
Storage	2~8°C
Expiry	2 years
Sequence	

<i>TEST</i>		<i>SPECIFICATION</i>
1	<i>Appearance</i>	White powder
2	<i>Solubility</i>	Soluble in water or 1% acetic acid at a concentration of ≥1mg/ml to give a clear, colorless solution
3	<i>Amino Acid Composition</i>	±10% of theoretical
4	<i>Peptide Purity (By HPLC)</i>	≥98.0% by area integration
5	<i>Related Substance (By HPLC)</i>	Total Impurities(%) ≤2.0% Largest Single Impurity(%) ≤1.0%
6	<i>Acetate Content</i>	≤15.0%
7	<i>Water Content (Karl Fischer)</i>	≤8.0%
8	<i>Specific Optical Rotation</i>	-45.0~-55.0° (C=0.5, 95%HAc)
9	<i>Peptide Content</i>	≥80.0%
10	<i>Bacterial Endotoxins</i>	≤5EU/mg
11	<i>Assay</i>	95.0~105.0%