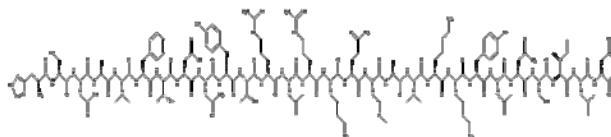


Certificate Of Analysis

Name: Aviptadil Acetate
CAS No.: 40077-57-4
Cat No.: A936799
Molecular Formula: C147H237N43O43S
Molecular Weight: 3326.83
Batch No.: A27082020
Mfg.Date: 2020.08.27
Exp.Date: 2022.08.26



Items	Specifications	Results
Appearance	White or off-white powder	Conforms
Solubility	Soluble in water	Conforms
HPLC	The principal peak in the chromatogram obtained with the test solution is similar in retention time to principal peak in the chromatogram obtained with the reference solution.	Conforms
Amino acid analysis	His 0.9-1.1 Tyr 1.8-2.2 Ser 1.8-2.2 Arg 1.8-2.2 Asx 4.5-5.5 Leu 2.7-3.3 Ala 1.8-2.2 Lys 2.7-3.3 Val 1.8-2.2 Glx 0.9-1.1 Phe 0.9-1.1 Met 0.9-1.1 Thr 1.8-2.2 Ile 0.9-1.1	Conforms
MS	3325.8±1.0	3325.6
Related Substances	Unspecified impurity for each impurity: NMT 1.0%	0.70% (single largest impurity)
Purity (HPLC)	98% (min)	99.29%
Acetic acid	15.0% (max)	8.5%
Water Content (Karl Fischer)	7.0% (max)	4.3%
Assay	97.0%-103.0% (anhydrous and acetic acid free substance)	98.7%
Residual solvent		conforms

Methanol	NMT3000ppm	
Acetonitrile	NMT410ppm	
Triethylamine	NMT320ppm	
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

*If you have any comments and suggestions, please contact us by sales@amadischem.com

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