

CERTIFICATE OF ANALYSIS

Catalog No.: 471226

Product Name: PT-141

Sequence: Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-OH ChemicalBridge Asp2-Lys7

Lot Number: P240516-LC471226

Molecular Formula: C₅₀H₆₈N₁₄O₁₀

Molecular Weight: 1025.2

Store at: Cool dry place

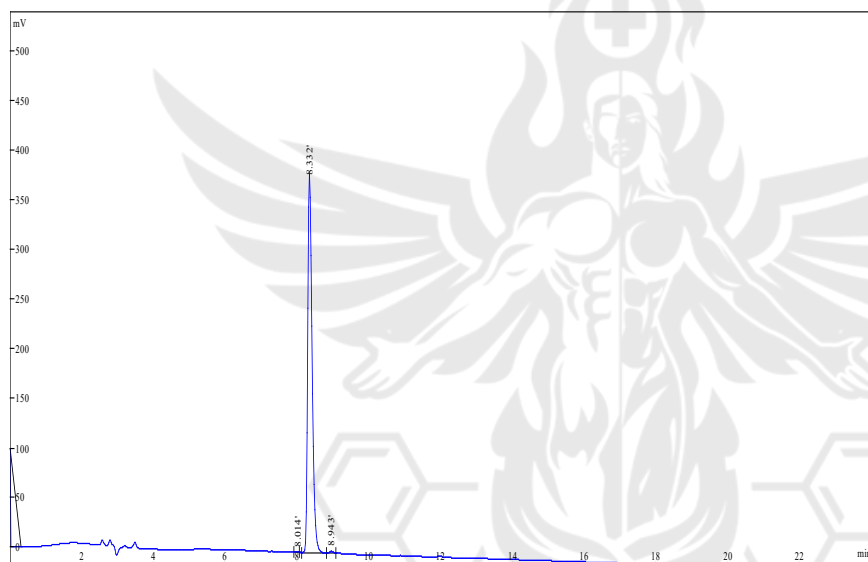
Tests	Specifications	Results
Appearance	White to off white powder	Consistent
Purity(HPLC)	≥98%	99.38%
Water	≤6.0%	3.18%
Acetic Acid	≤10%	7.43%
Trifluoroacetic Acid	≤1%	0.35%
Peptide Content	≥80%	89.02%
MS	Consistent	Consistent
Endotoxin	<5EU/mg	Consistent

Note: this product is intended for research use only; not for diagnostic or human use.

SOVEREIGN HEALTH
AND PERFORMANCE

REPORT

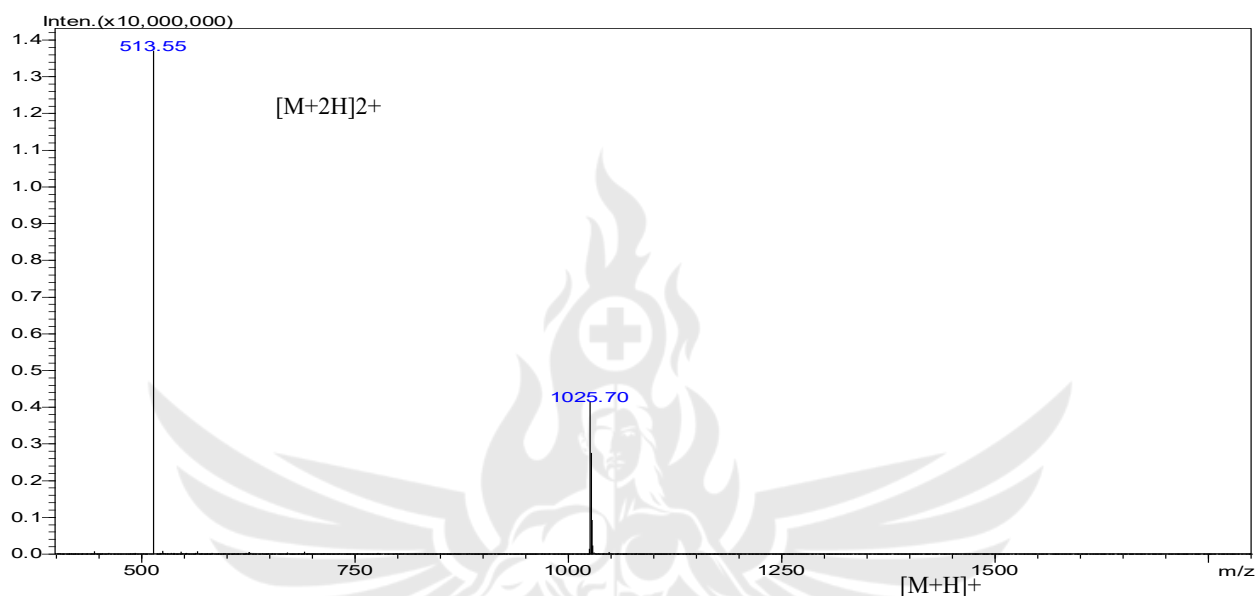
Product Name: PT-141
Instrument No: 0200047
Lot No : P240516-1c471226
Column :4.6*250mm, kromasil C18-5
Solvent A :0.1%Trifluoroacetic in 100% Acetonitrile
Solvent B :0.1%Trifluoroacetic in 100% Water
Gradient : A B
 0.01min 28% 72%
 25min 53% 47%
 25.1min 100% 0%
 30min Stop
Flow rate :1.0ml/min
Wavelength :220nm
Volume:5ul
File opened: H:\471226-28-53-f.hw, where



Rank	Time	Name	Conc.	Area	Height	Resolut.
1	8.014		0.18346	1092	229	1.81
2	8.332		99.38	3248739	385489	2.96
3	8.943		0.4359	14227	2002	0.00
Total			100	3264058	387720	

SOVEREIGN HEALTH
AND PERFORMANCE

MASS SPECTROMETRY REPORT



Sample Description

Analyzed date: 2025-6-7
Analyst: Han
Sample: PT-141
M.W.: 1025.2
Lot. No.: P240516-LC471226

Instrument

Probe: ESI
Nebulizer Gas Flow: 1.5L/min
CDL: -20.0v
CDL Temp.: 250 °C
Block Temp.: 200 °C

SHIMADZU LC

SOVEREIGN HEALTH
AND PERFORMANCE