

Client: Lab Rats
 labrats.co@pm.me

 Sample received: **04/30/26**
 Analysis conducted: **05/05/26**

Compound:	Triple Helix Blend	CAS:	53-84-9
Batch/Lot #:	N/A	Formula:	C ₂₁ H ₂₇ N ₇ O ₁₄ P ₂
Appearance:	White lyophilized powder	Mol Wt:	663.4 g/mol

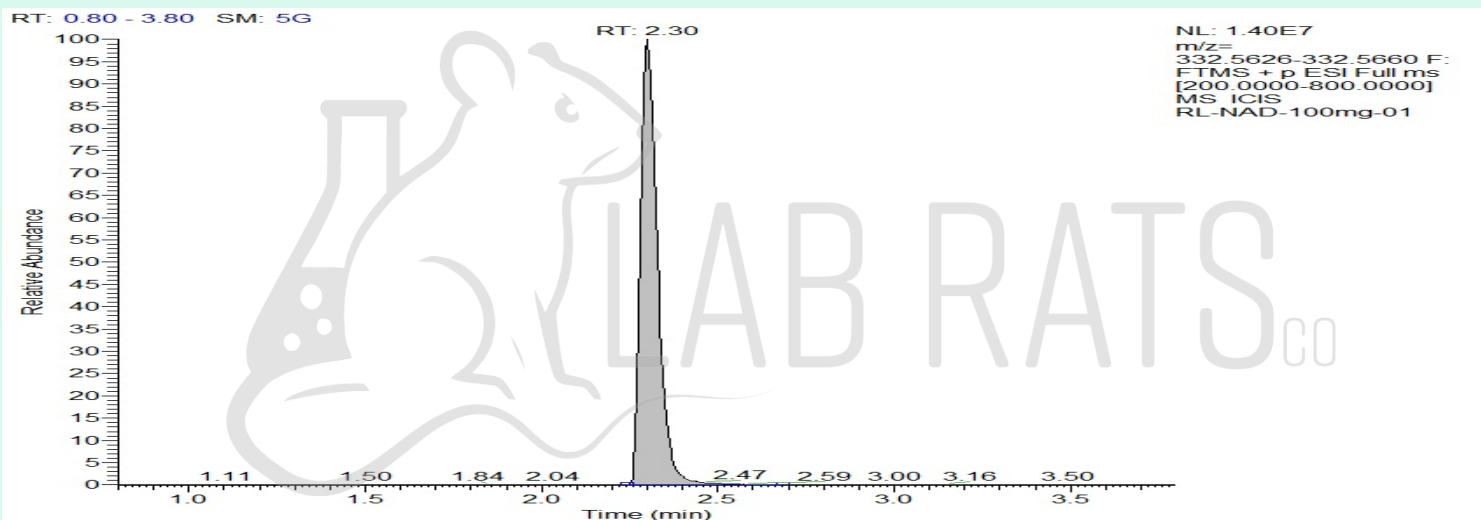
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 10897651

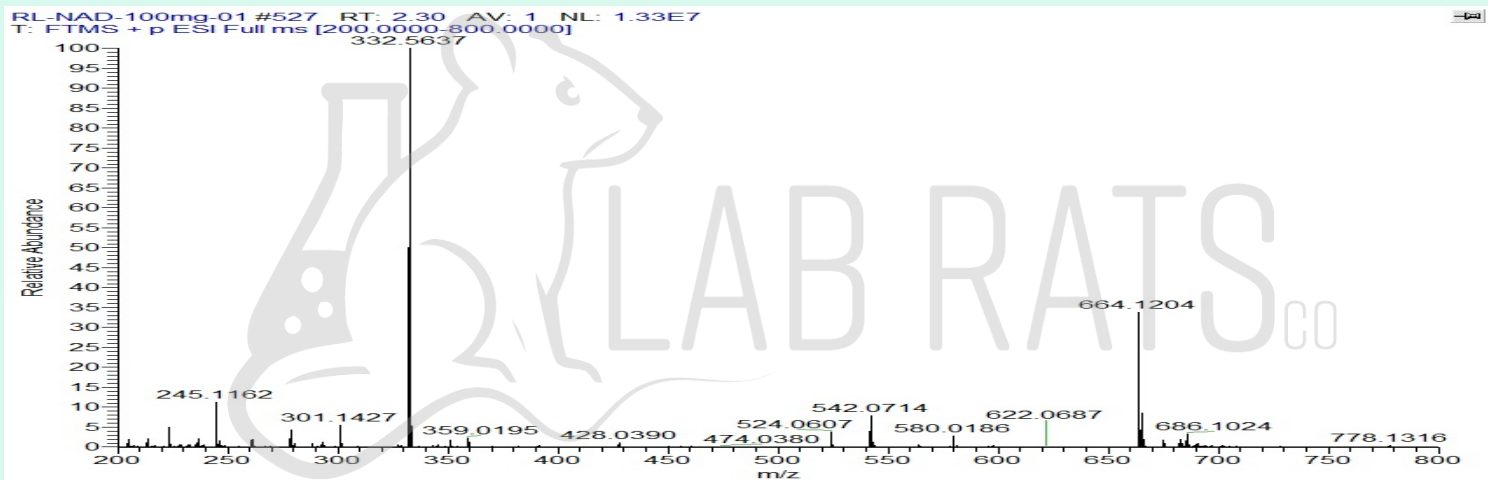
[NAD+](#) | [C₂₁H₂₇N₇O₁₄P₂](#) | [CID 10897651](#)

	Specification	Result	
Identity Test:	NAD+	NAD+	Conforms
Quantity:	100 mg ± 15%	143.3 mg	Does not Conform
Purity:	>99%	99.56%	Conforms

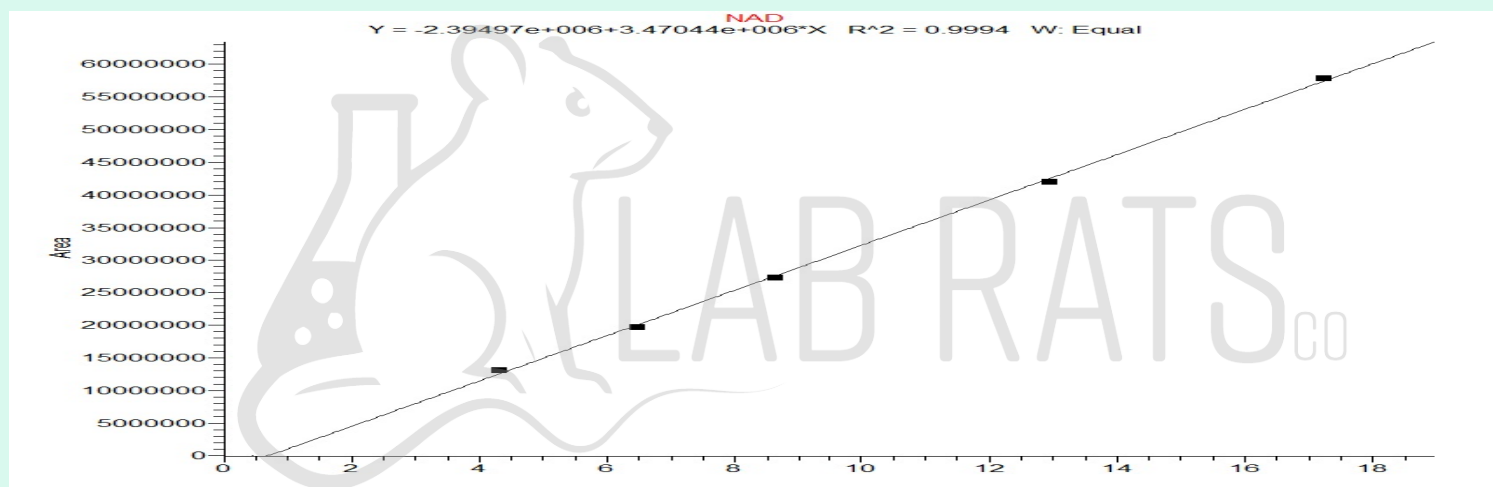
LC-MS Chromatogram and Retention Time Analysis



Full Scan Mass Spectrometry Analysis



Calibration Curve



Analysis Performed by

Dr. Victor Ugur
Analytical Chemist
contact@bioregen.com

COA #13037
Security Key **LABRATSO**
bioregen.com/verify



Victor Ugur

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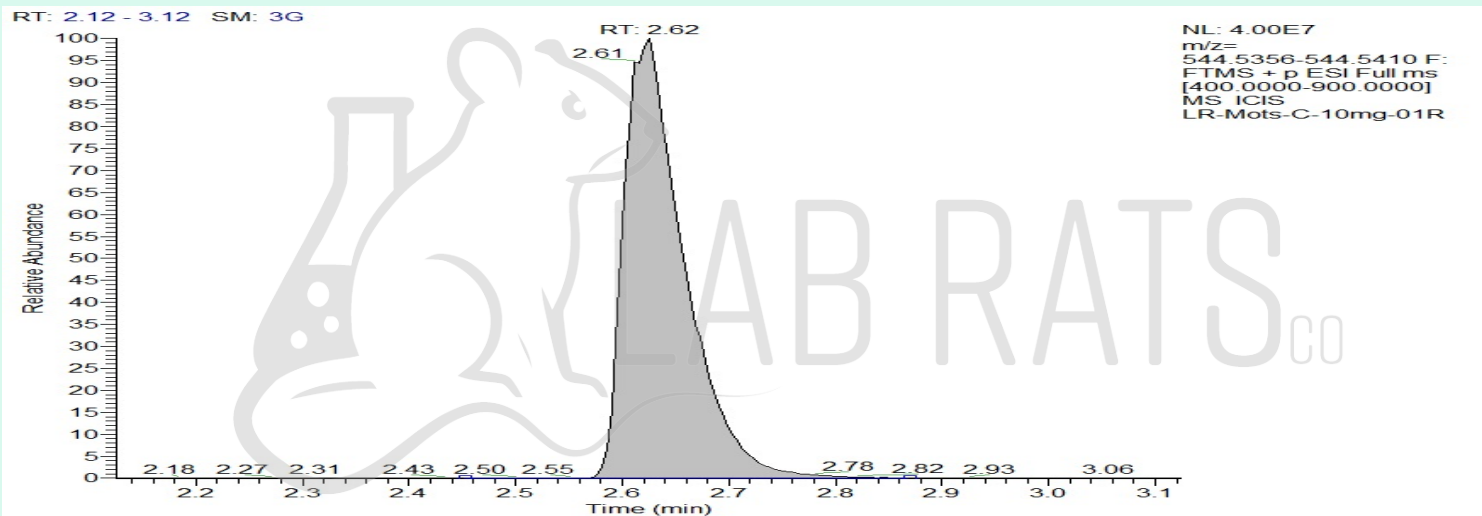
 Sample received: **04/30/26**
 Analysis conducted: **05/05/26**

Compound:	Triple Helix Blend	CAS:	1627580-64-6
Batch/Lot #:	N/A	Formula:	C101H152N28O22S2
Appearance:	White lyophilized powder	Mol Wt:	2174.6 g/mol

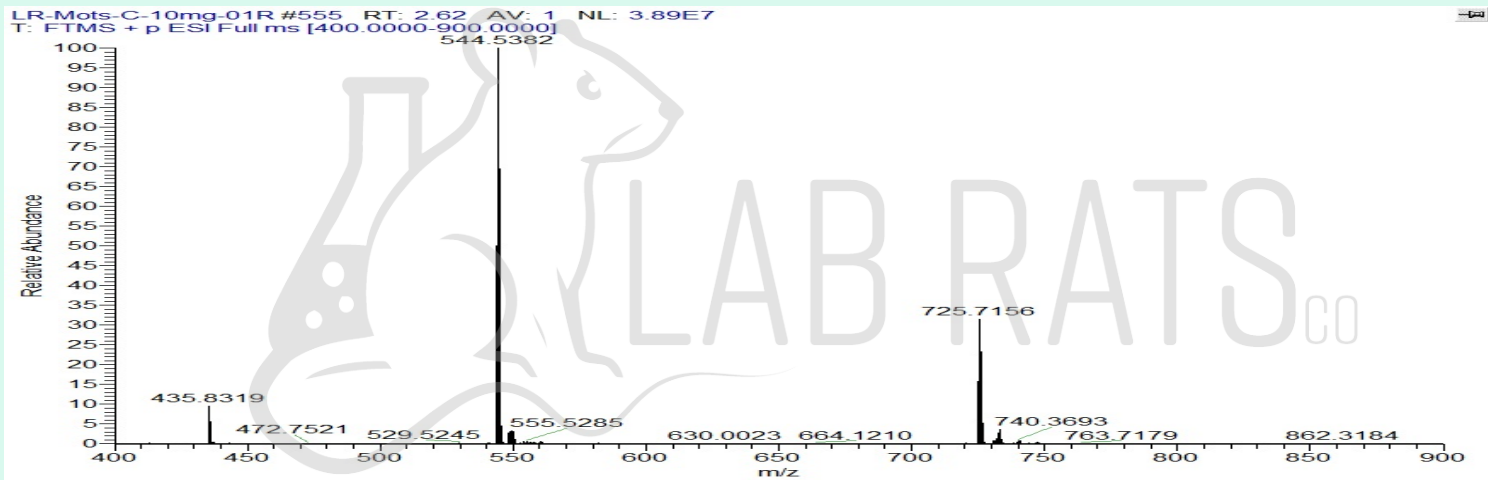
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry
Pubchem CID: 146675088
MOTS-c | C101H152N28O22S2 | CID 146675088

	Specification	Result	
Identity Test:	Mots-C	Mots-C	Conforms
Quantity:	10 mg ± 15%	11.65 mg	Conforms
Purity:	>99%	99.34%	Conforms

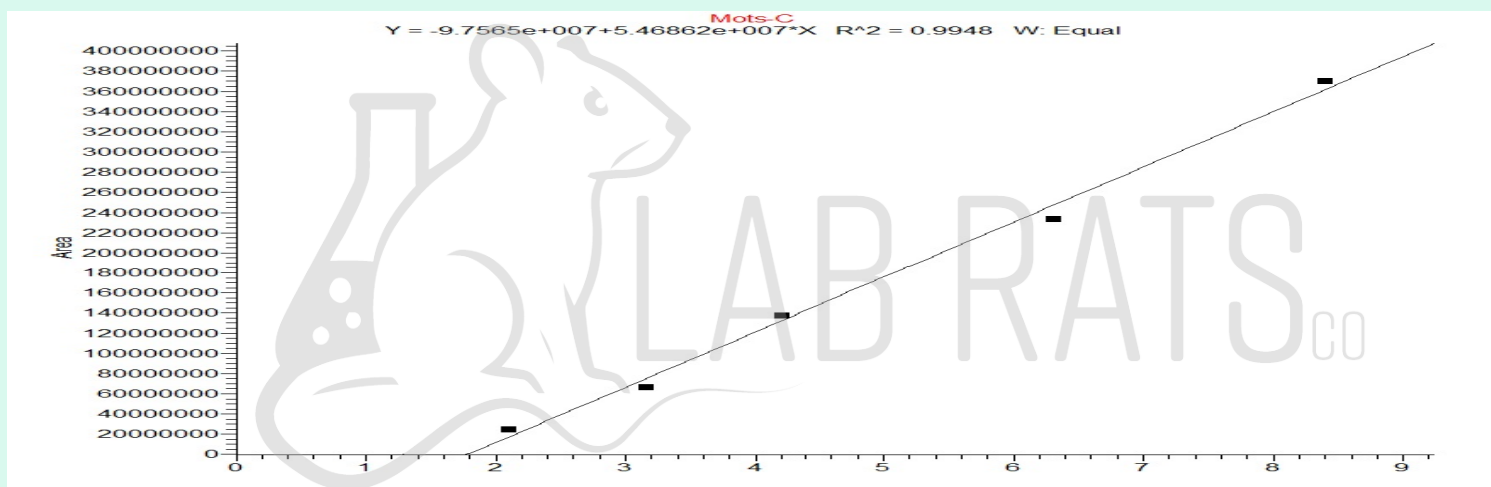
LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis



Calibration Curve



Analysis Performed by

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Victor Ugur

Client: Lab Rats
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Sample received: **04/30/26**
Analysis conducted: **05/05/26**

Compound: Triple Helix Blend

CAS: 42464-96-0

Batch/Lot #: N/A

Formula: C10H11IN2

Appearance: Orange lyophilized powder

Mol Wt: 286.11 g/mol

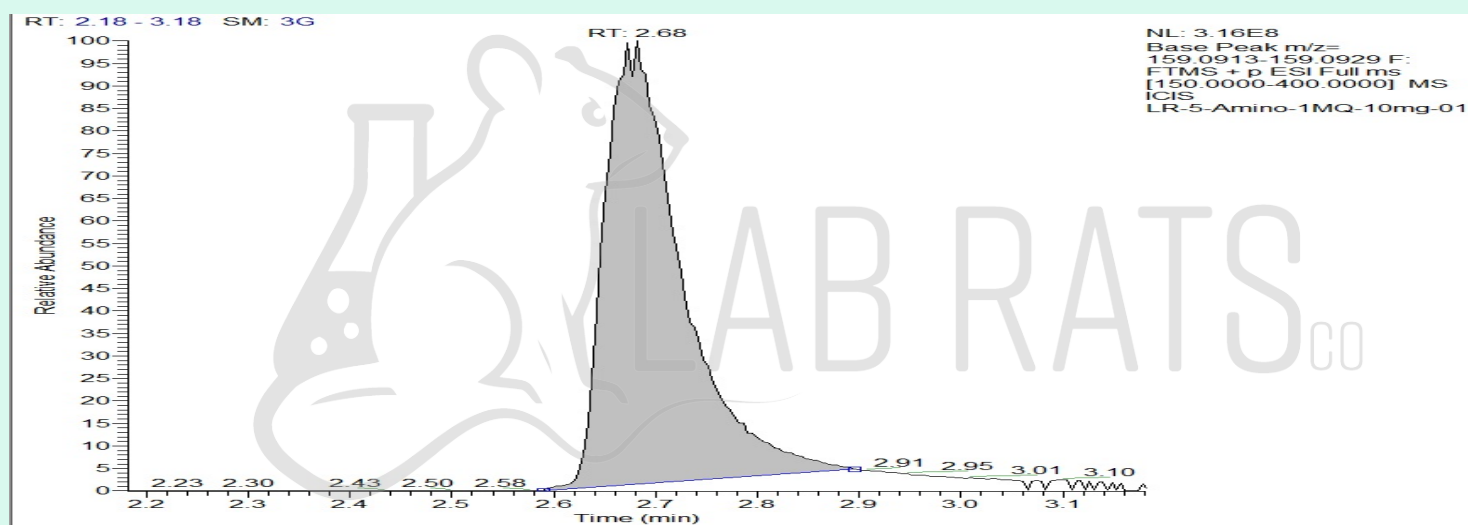
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 66522933

5-amino-1-methylquinolinium iodide | C10H11IN2 | CID 66522933

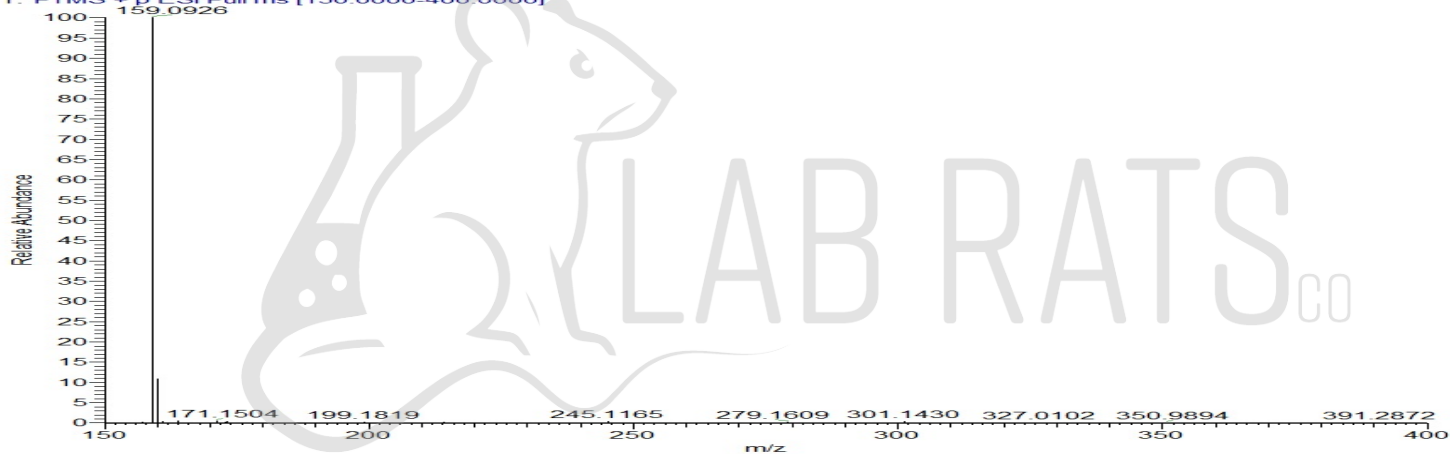
	Specification	Result	
Identity Test:	5-amino-1-methylquinolinium iodide	5-amino-1-methylquinolinium iodide	Conforms
Quantity:	10 mg $\pm$ 15%	12.87 mg	Does not Conform
Purity:	>99%	99.49%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis

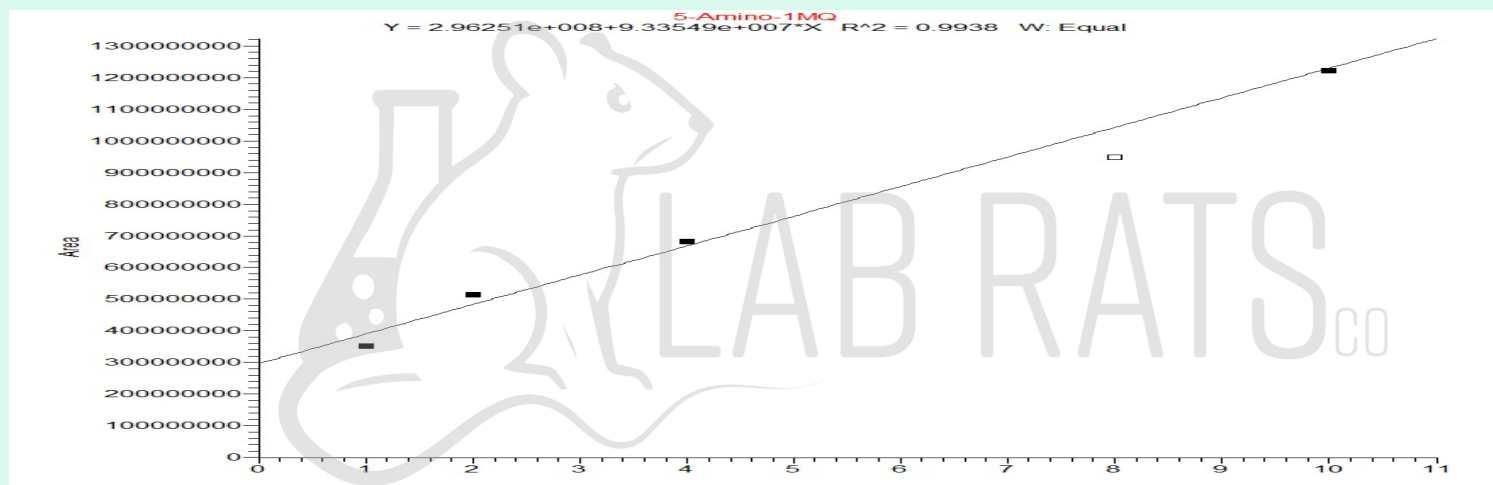


Full Scan Mass Spectrometry Analysis

LR-5-Amino-1MQ-10mg-01 #615 RT: 2.68 AV: 1 NL: 3.13E8
T: FTMS + p ESI Full ms [150.0000-400.0000]



Calibration Curve



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