

Lot Number: **IWR-1764133-P**  
 Client Name: **Iron Within Research**  
 Identity: **www.ironwithinresearch.com**


Received Date: **06/29/2026**  
 Analysis Conducted: **06/24/2026**  
 Searchable via: **horizonanalytical.com**

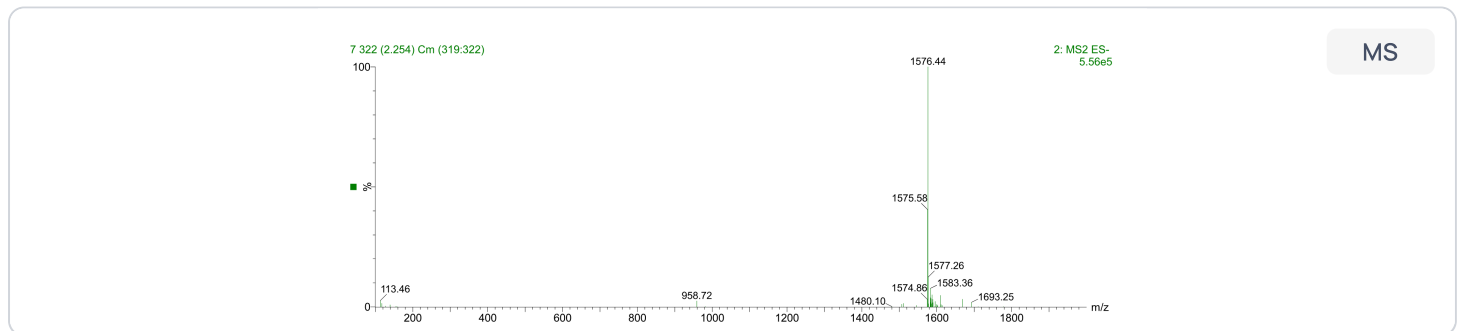
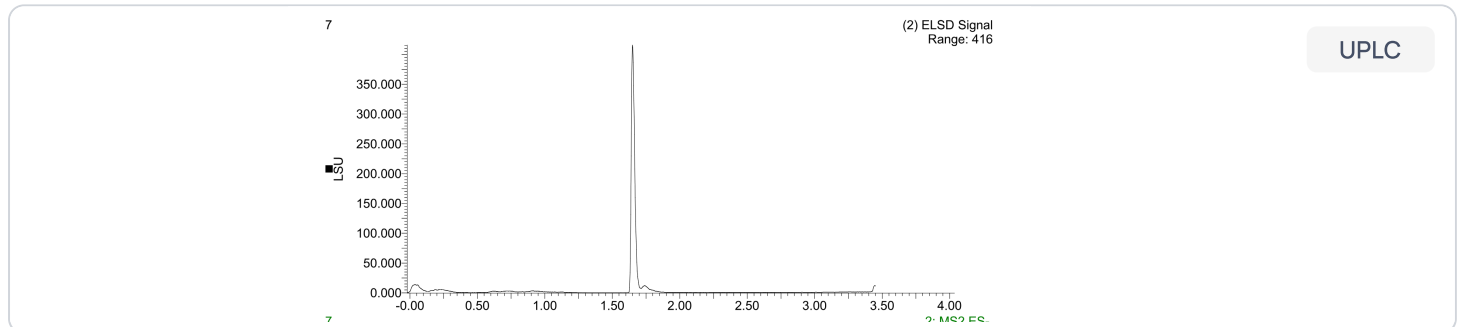
<b>Compound:</b>	Retatrutide
<b>Lot:</b>	IWR-1764133-P
<b>Appearance:</b>	White Lyophilized Powder

<b>CAS:</b>	2381089-83-2
<b>Formula:</b>	C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub>
<b>Mol Weight:</b>	~4731 g/mol

Pubchem CID: 171390338

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

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	Retatrutide	
Quantity:	15mg	15.05mg	
Purity:	>98%	99.44%	



**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

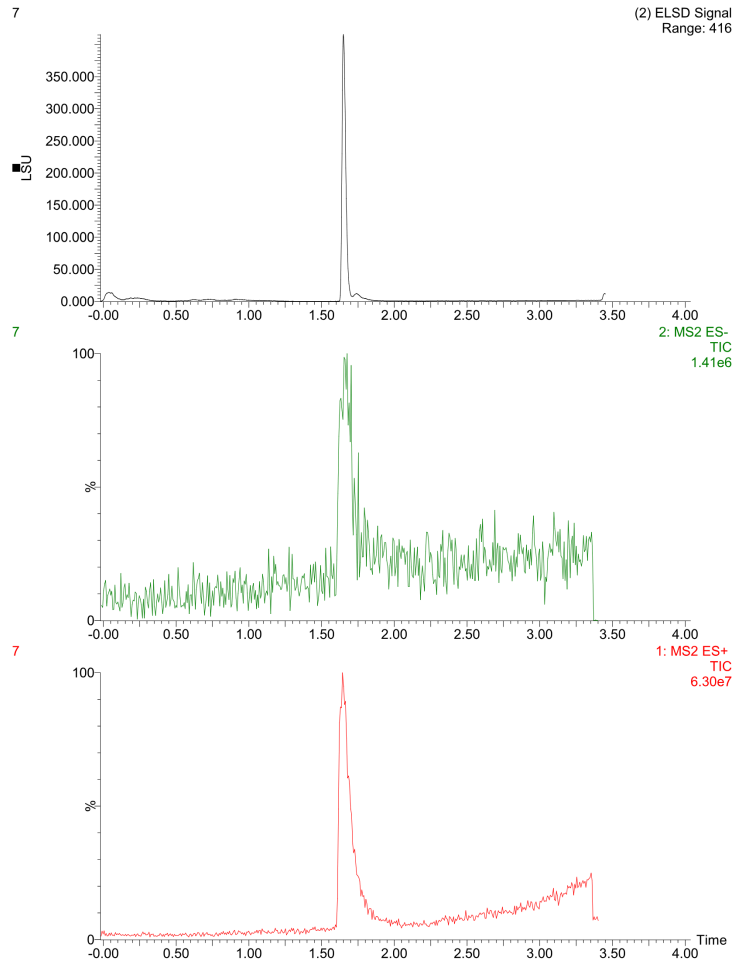


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

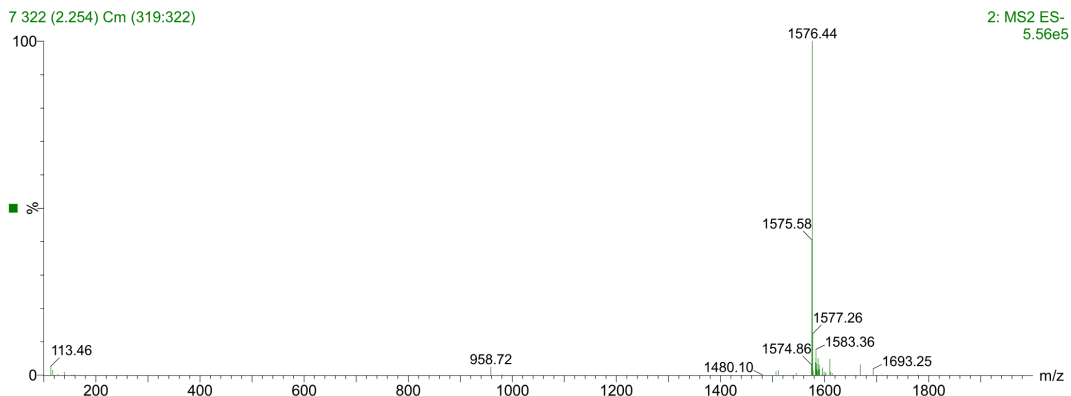
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Retatrutide (15mg) • Pubchem CID: 171390338  
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)



Lot Number: [IWR-1764133-E](#)  
Client Name: [Iron Within Research](#)  
Identity: [www.ironwithinresearch.com](http://www.ironwithinresearch.com)

Received Date: [06/29/2026](#)  
Analysis Conducted: [06/24/2026](#)  
Searchable via: [horizonanalytical.com](http://horizonanalytical.com)

Compound:	Retatrutide
Lot:	IWR-1764133-E
Appearance:	-

CAS:	2381089-83-2
Formula:	C <sub>221</sub> H <sub>342</sub> N <sub>46</sub> O <sub>68</sub>
Mol Weight:	~4731 g/mol

Pubchem CID: 171390338  
Endotoxin Test

	Specification	Result	Scan to Validate:
Compound Test:	Retatrutide	-	
Endotoxin:	-	< 0.05 EU/mL	

Aleksey Yevtodiyenko PhD  
Research and Formulation Chemist



This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: [contact@horizonanalytical.com](mailto:contact@horizonanalytical.com)

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