

Lot Number: **TRL-4311595**  
 Brand / Distributed by: **True Research Labs**  
 Identity: **trueresearchlabs.com**

Analysis Date: **03/11/2026**  
 Searchable via: **horizonanalytical.com**

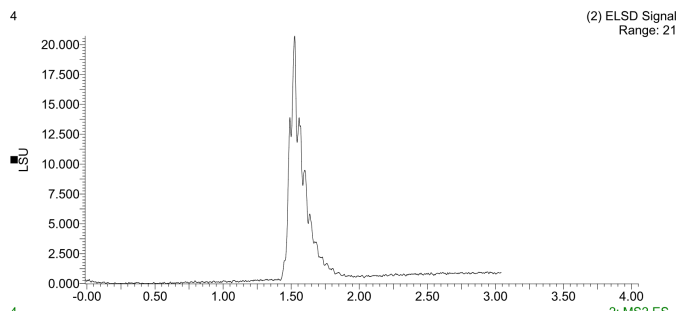
|                |                          |
|----------------|--------------------------|
| Compound:      | Retatrutide              |
| Report Number: | 1001308                  |
| Appearance:    | White Lyophilized Powder |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| 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                                                       |

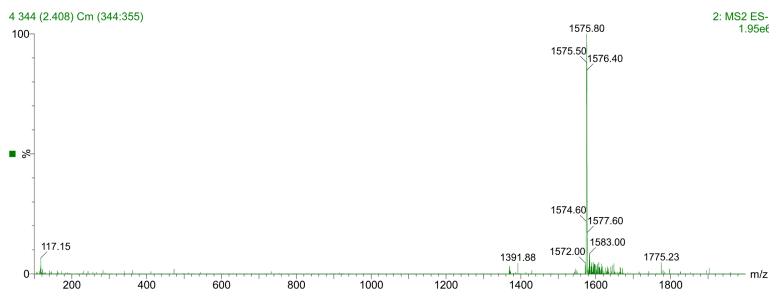
Pubchem CID: 171390338

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

|                | Specification | Result      | Scan to Validate:                                                                   |
|----------------|---------------|-------------|-------------------------------------------------------------------------------------|
| Compound Test: | Retatrutide   | Retatrutide |  |
| Quantity:      | 30mg          | 29.5mg      |                                                                                     |
| Purity:        | >98%          | 99.31%      |                                                                                     |



UPLC



MS

**Aleksey Yevtodiyyenko PhD**  
 Research and Formulation Chemist

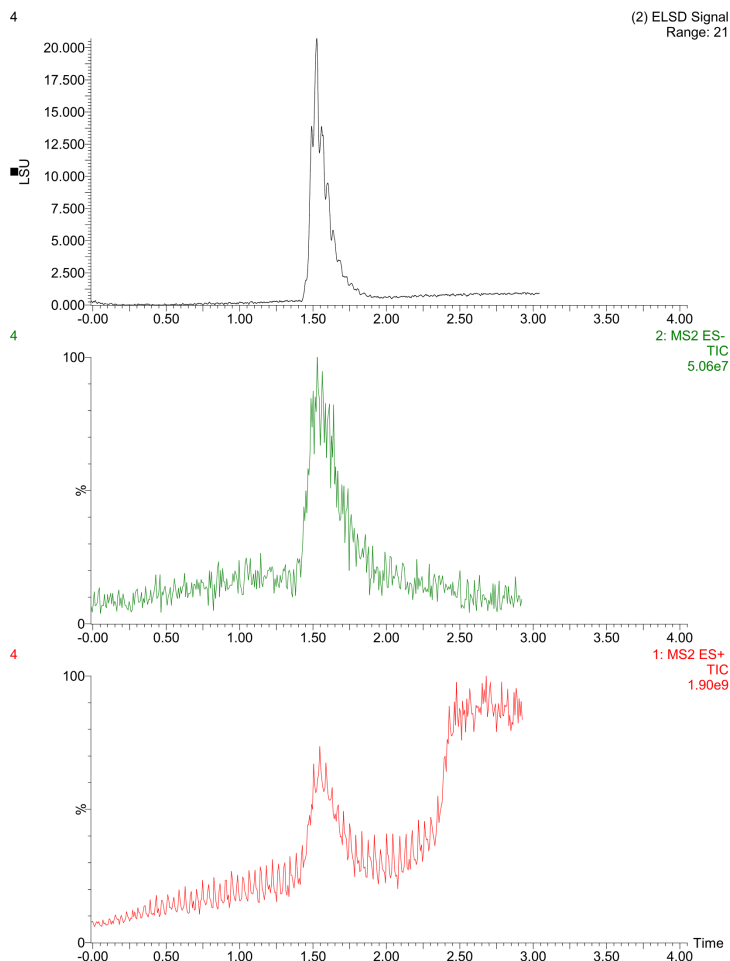


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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Retatrutide (30mg) • Pubchem CID: 171390338  
 Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

