MZ Biolabs
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# Certificate of Analysis

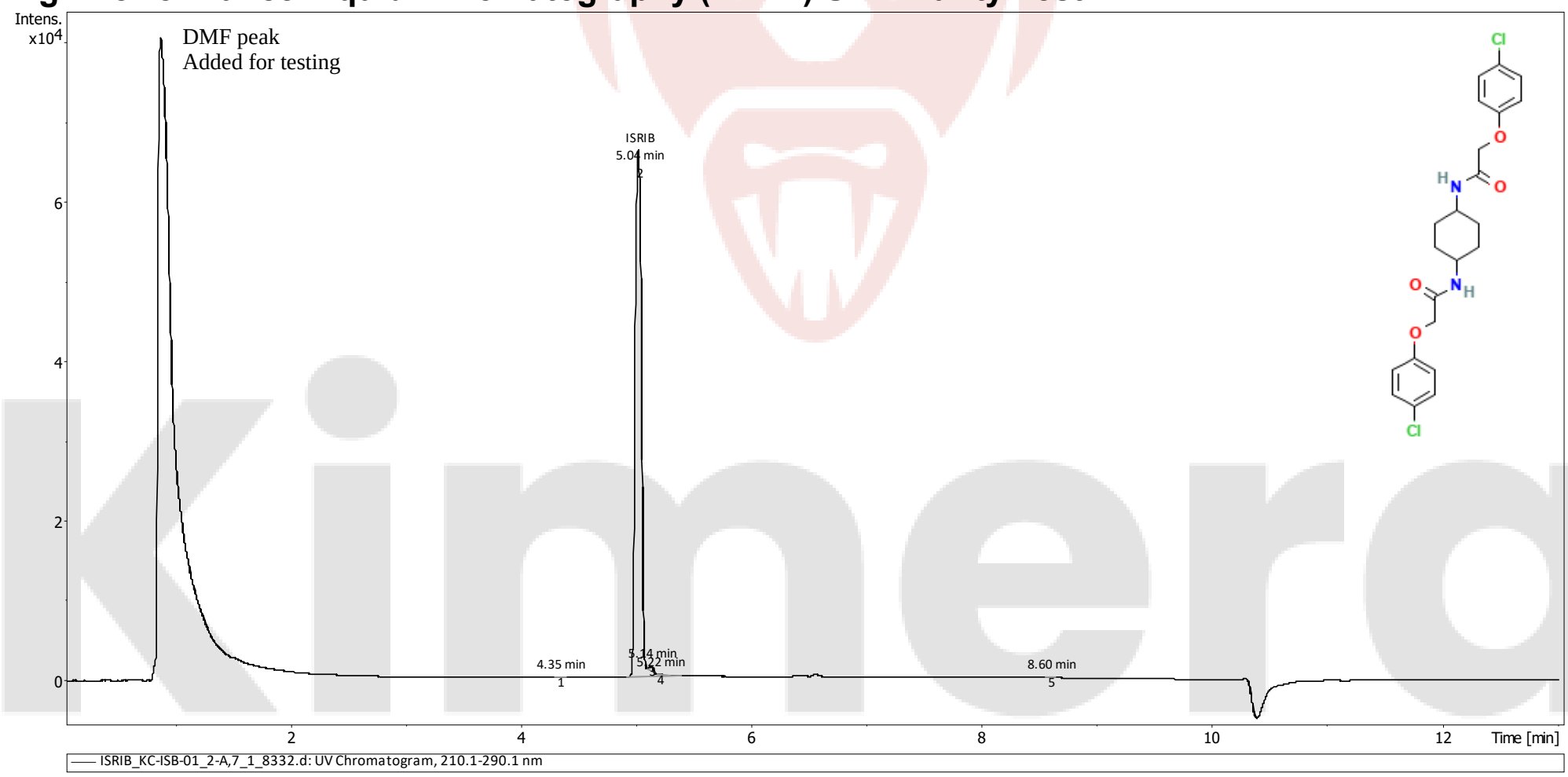
## ISRIB

2-(4-chlorophenoxy)-N-[4-[[2-(4-chlorophenoxy)acetyl]amino]cyclohexyl]acetamide

| | | | | |
|---|---|---|---|---|
| **Compound** | : **ISRIB** | **Client :** | **Kimera Chems** |
| **Lot number** | : **KC-ISB-01** | | **Kimerachems.co** |
| **Analysis Date** | : **2025-09-14** | | |
| **Purity %** | : **99.32%** | | |
| **Method** | : **HPLC-UV-MS** | | |

PubChem CID: 1011240
https://pubchem.ncbi.nlm.nih.gov/compound/1011240

## High Performance Liquid Chromatography (HPLC) UV – Purity Test




PEAK LIST — Number of detected peaks: 5

| | Time (min) | Area | %Area | |
|---|---|---|---|---|
| 1 | 4.35 | 1.46E+02 | 0.06 | |
| 2 | **5.04** | **2.53E+05** | **99.32** | **ISRIB** |
| 3 | 5.14 | 1.31E+03 | 0.51 | |
| 4 | 5.22 | 1.28E+02 | 0.05 | |
| 5 | 8.60 | 1.57E+02 | 0.06 | |

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
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2025-09-16

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# ISRIB

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## Mass Spectrometry (MS) – Identity Test

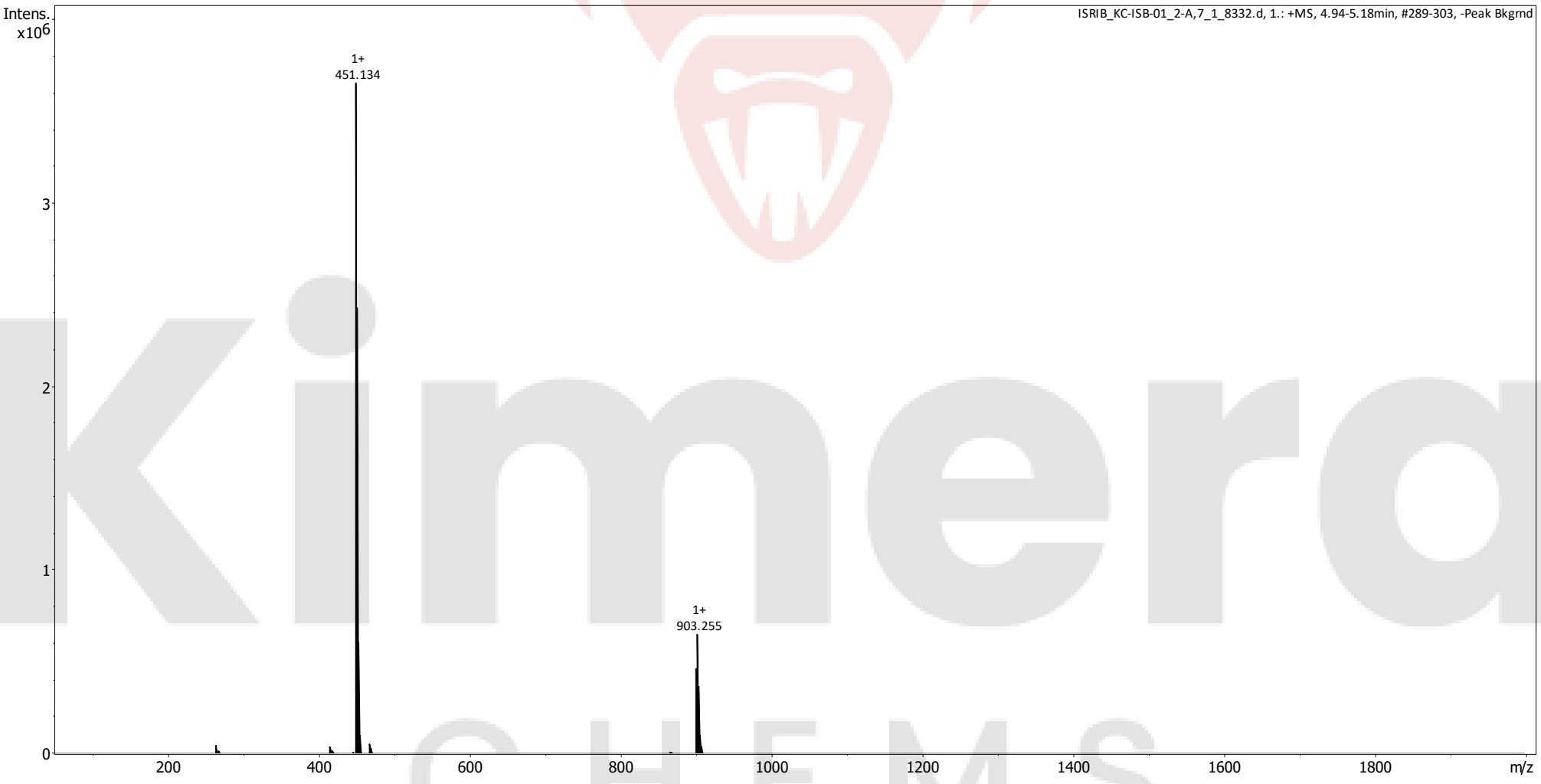
**Identity confirmed using HPLC-MS**
Molecular weight calculated using monoisotopic m/z values from mass spectrum

| | | |
|---|---|---|
| Expected monoisotopic mass : | 450.11 | Da |
| Measured monoisotopic mass : | 450.13 | Da |

**Molecular weight confirmed**

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides. The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum




Analysis Performed by
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To ensure the authenticity of this certificate, its original can be viewed via the QR code below.