



Certificate of Analysis

CL-316243

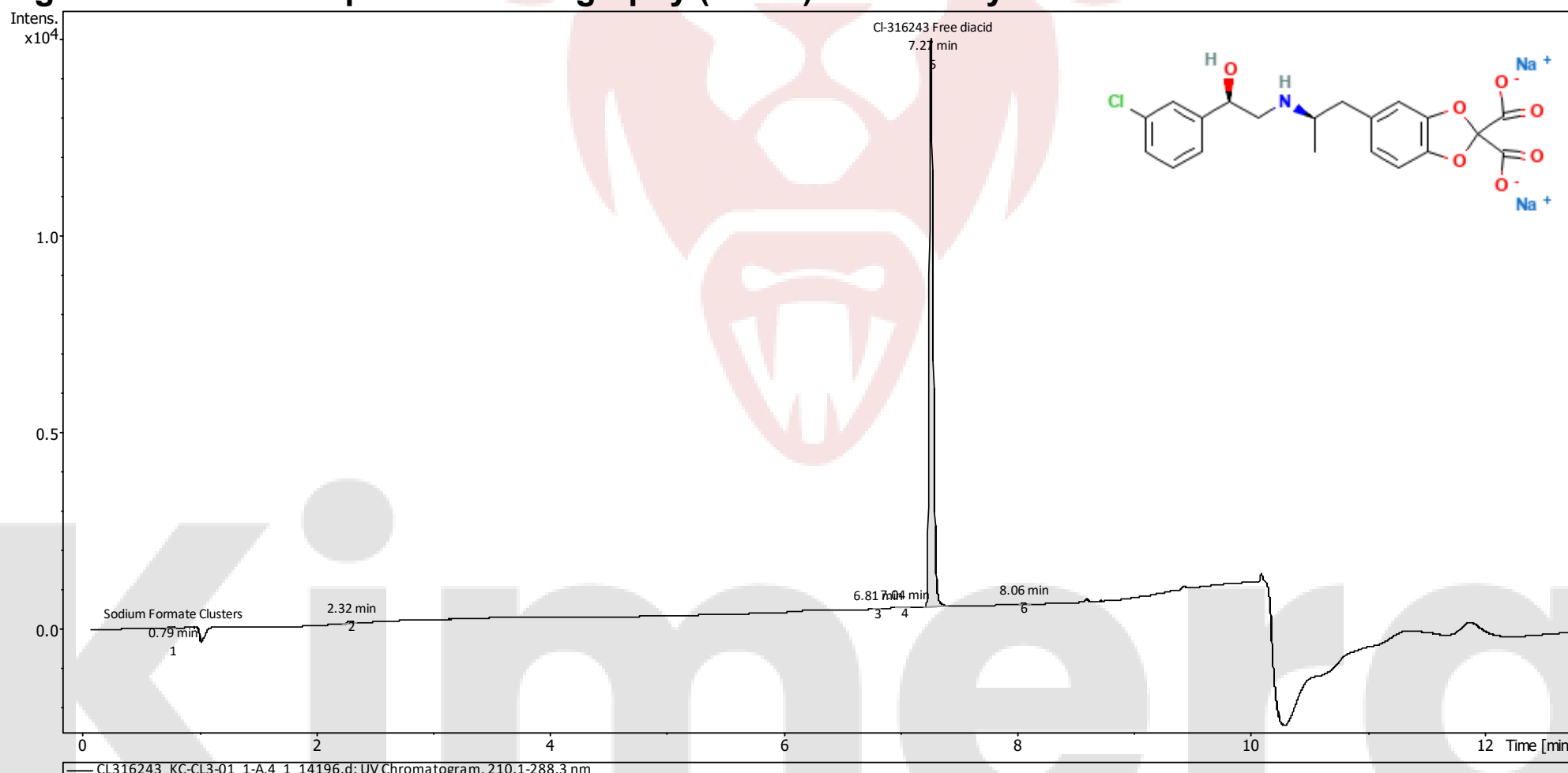
disodium;5-[(2R)-2-[[[(2R)-2-(3-chlorophenyl)-2-hydroxyethyl]amino]propyl]-1,3-benzodioxole-2,2-dicarboxylate

Compound : **CL-316243**
Lot number : **KC-CL3-01**
Analysis date : **2026-03-06**
Purity % : **98.93%**
Method : **HPLC-UV-MS**

Client : **Kimera Chems**
Kimerachems.co

PubChem CID: 5312115
<https://pubchem.ncbi.nlm.nih.gov/compound/5312115>

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST

	Time (min)	Area	%Area	
1	0.79	4.31E+01	0.12	sodium formate clusters
2	2.32	2.06E+02	0.60	
3	6.81	2.25E+01	0.06	
4	7.04	9.23E+01	0.27	
5	7.27	3.42E+04	98.81	CL-316243
6	8.06	4.85E+01	0.14	

Number of detected peaks: 6

Area %Area

1	0.79	4.31E+01	0.12	sodium formate clusters
2	2.32	2.06E+02	0.60	
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5	7.27	3.42E+04	98.81	CL-316243
6	8.06	4.85E+01	0.14	

Overall Purity 98.93

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

Note: Sodium formate clusters form from an interaction between sodium in the sample and formate in the HPLC solvents. This indicates the CL-316243 was the sodium salt form.



2026-03-10

CL-316243

disodium;5-[(2R)-2-[[[(2R)-2-(3-chlorophenyl)-2-hydroxyethyl]amino]propyl]-1,3-benzodioxole-2,2-dicarboxylate

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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 : 421.09 Da

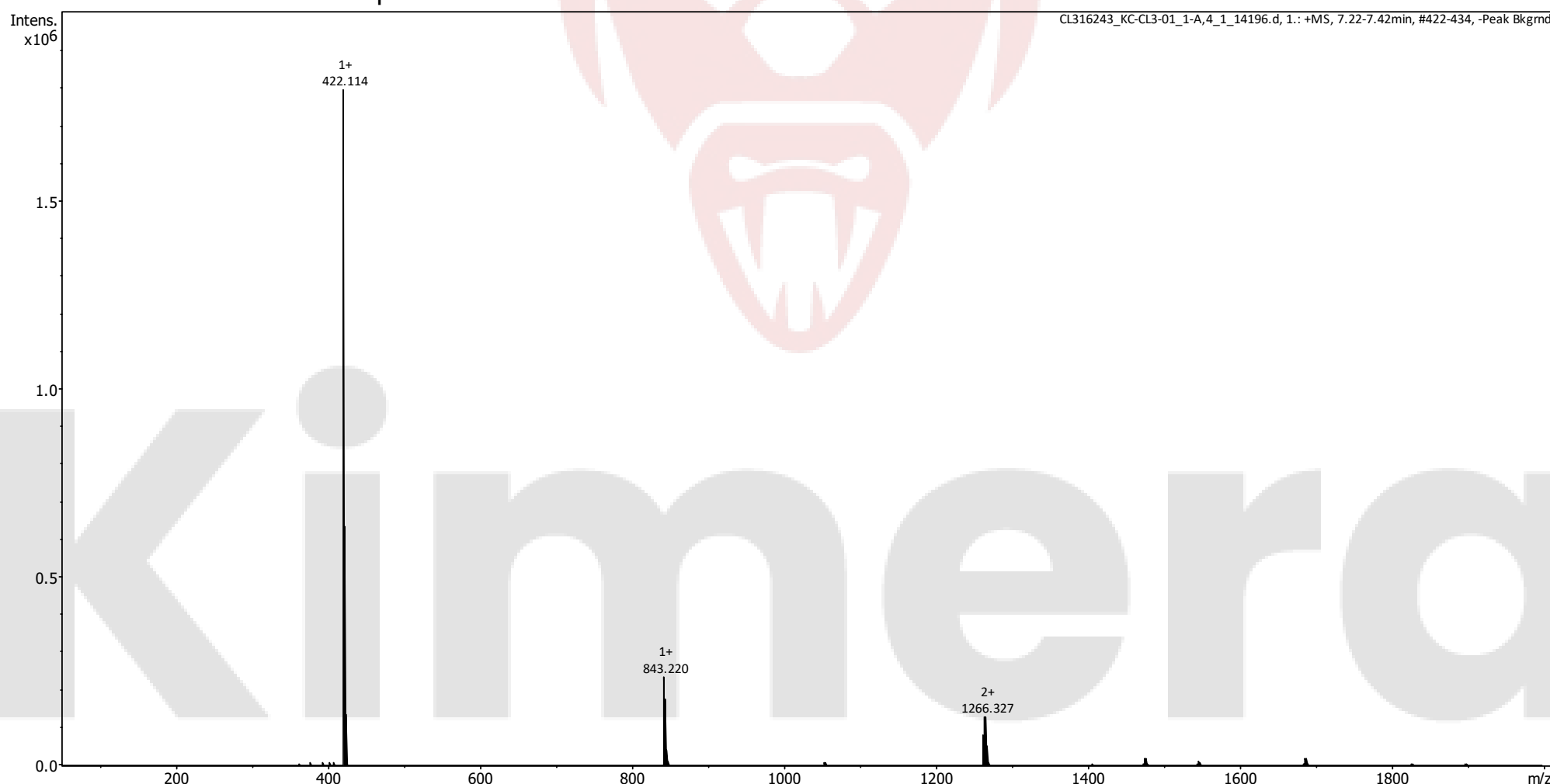
Measured monoisotopic mass : 421.11 Da

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



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2026-03-10