

Certificate of Analysis

Emoxypine succinate

butanedioic acid;2-ethyl-6-methylpyridin-3-ol

Compound : **Emoxypine**
Lot number : **2024-08-09**
Analysis Date : **2024-09-12**
Purity % : **99.68%**
Method : **HPLC-UV-MS**

Client : **AminoBox**
<https://aminobox.com/>

PubChem CID: 122298

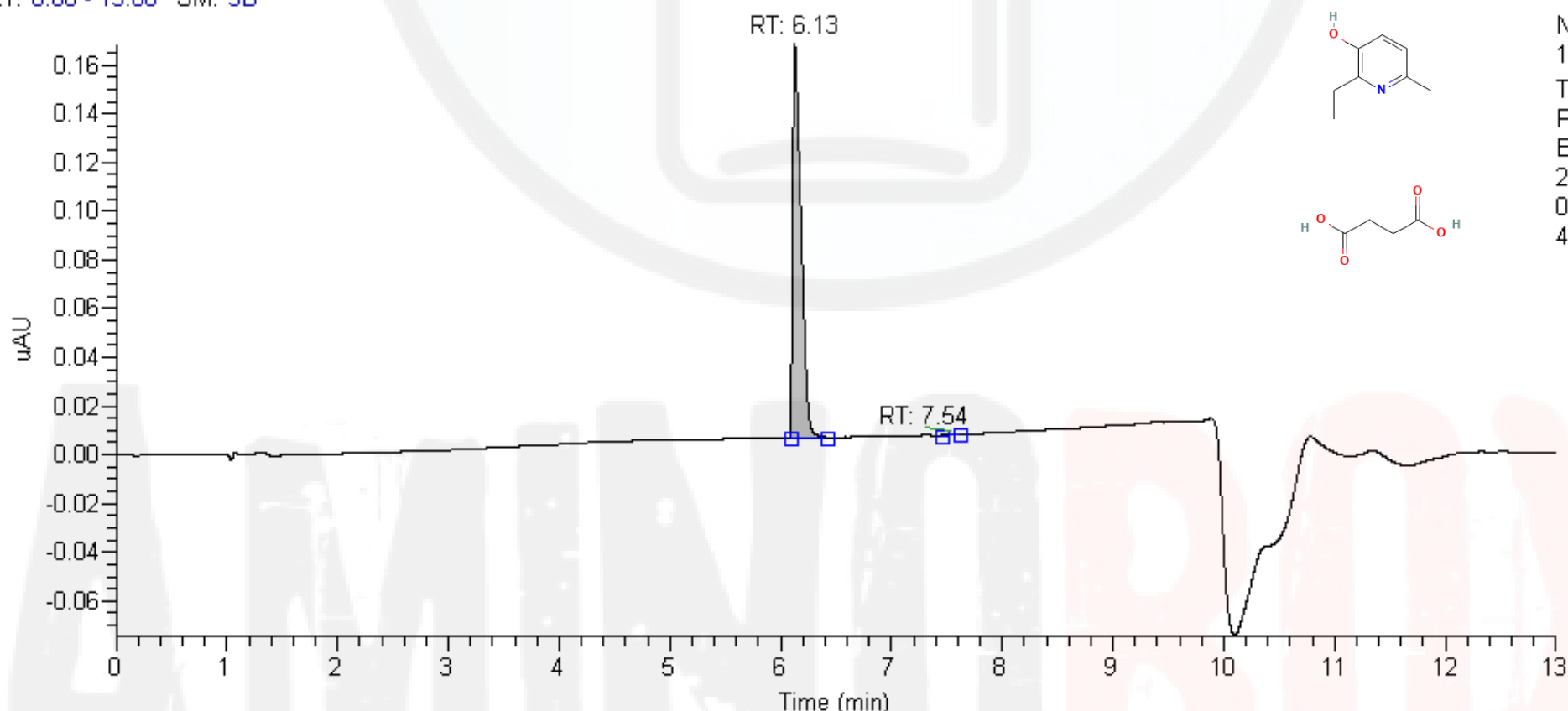
<https://pubchem.ncbi.nlm.nih.gov/compound/122298>

High Performance Liquid Chromatography (HPLC) UV – Purity Test

Emoxypine_2024-08-09_240912145328

9/12/2024 2:53:28 PM

RT: 0.00 - 13.00 SM: 3B



NL:
 1.68E-1
 Total Scan
 PDA
 Emoxypine_
 2024-08-
 09_2409121
 45328

PEAK LIST
 Time (min)

Number of detected peaks: 2

1 **6.13**
 2 7.54

Area %Area
8.43E-01 **99.68**
 3.00E-03 0.32

Emoxypine

Analysis Performed by
 Ken Pendarvis, ChE
 Analytical Chemist
 MZ Biolabs
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2024-09-13

Emoxypine succinate

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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 : 137.08 Da

Measured monoisotopic mass : 137.07 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.

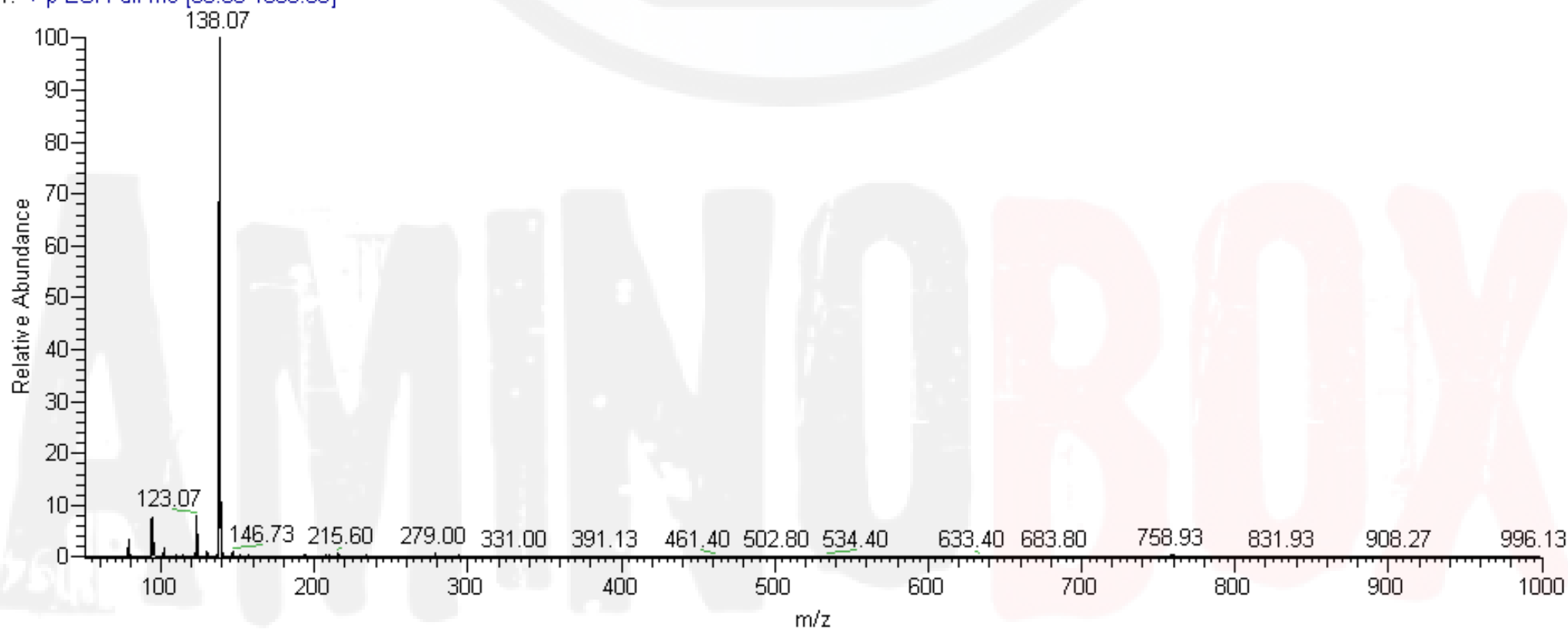
Recorded MS spectrum

Emoxypine_2024-08-09_240912145328

9/12/2024 2:53:28 PM

Emoxypine_2024-08-09_240912145328 #393-401 RT: 6.21-6.33 AV: 9 NL: 3.74E7

T: + p ESI Full ms [50.00-1000.00]



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