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# Certificate of Analysis

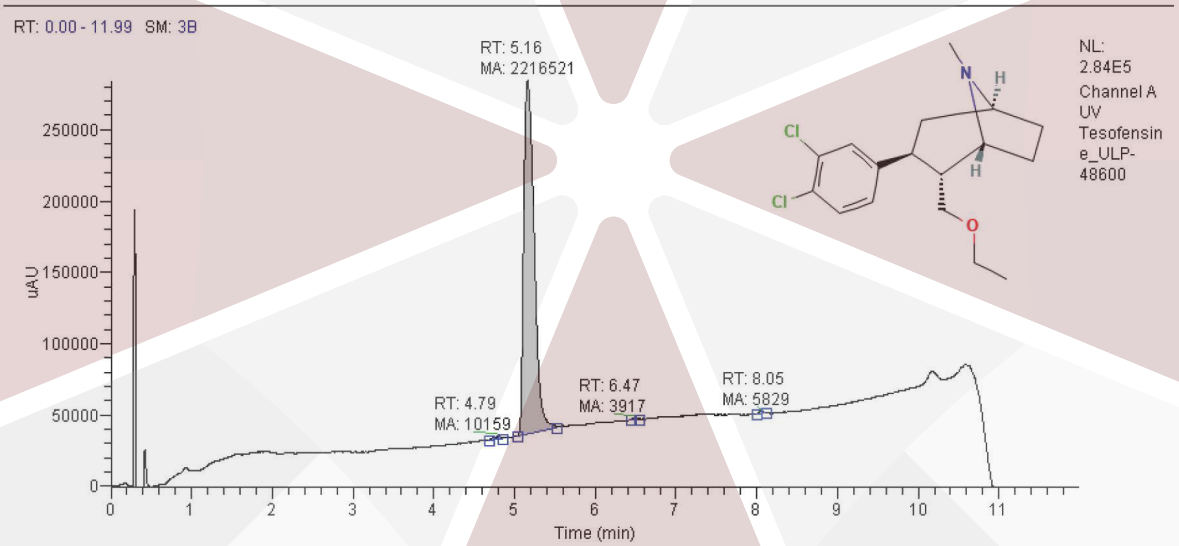
## Tesofensine

(5R)-5-(piperidine-1-carbonyl)pyrrolidin-2-one

| | | | |
|---|---|---|---|
| **Compound** | : **Tesofensine** | **Client :** | **UMBRELLA.us** |
| **Lot number** | : **ULP-48600** | | **3280 E Hemisphere Loop** |
| **Analysis date** | : **2023-01-12** | | **Tucson, Arizona 85706** |
| **Purity %** | : **99.1%** | | |
| **Method** | : **Mass Spectrometry and UV** | | |

PubChem CID: 11370864
https://pubchem.ncbi.nlm.nih.gov/compound/11370864

C:\Xcalibur\...\Tesofensine_ULP-48600 1/11/2023 6:08:27 PM




PEAK LIST — Number of detected peaks: 4

| Time (min) | Area | %Area | |
|---|---|---|---|
| 4.79 | 1.02E+04 | 0.4 | **Tesofensine** |
| **5.16** | **2.22E+06** | **99.1** | |
| 6.47 | 3.92E+03 | 0.2 | |
| 8.05 | 5.83E+03 | 0.3 | |

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 327.1 g
Measured mass : 327.2 g
Molecular weight confirmed

Analysis Performed by
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2023-01-13