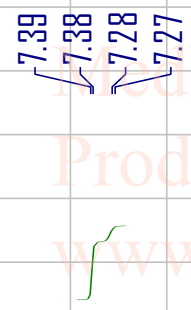


# Alifedrine HCl HNMR Analysis

solvent DMSO-d6



8.65



7.39  
7.38  
7.28  
7.27



6.12



5.15



3.44  
3.42  
3.22  
3.18  
3.17  
3.03  
3.02



2.50 DMSO-d6



2.46  
2.41  
2.40



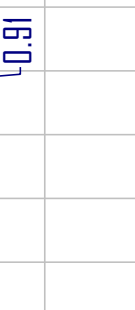
1.84  
1.82  
1.70



1.64  
1.61



1.33  
1.17



0.93  
0.91

MedKoo Cat#: 573105

Name: Alifedrine HCl

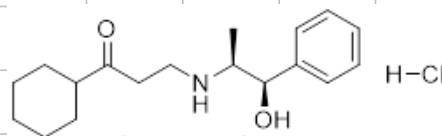
CAS#: 72913-80-5 (HCl)

Lot#: H23P02S24

Chemical Formula: C<sub>18</sub>H<sub>28</sub>ClNO<sub>2</sub>

Exact Mass: 289.2042

Molecular Weight: 325.877



1.95

5.11

1.01

1.00

1.07

2.05

2.07

1.00

1.99

1.94

1.01

5.41

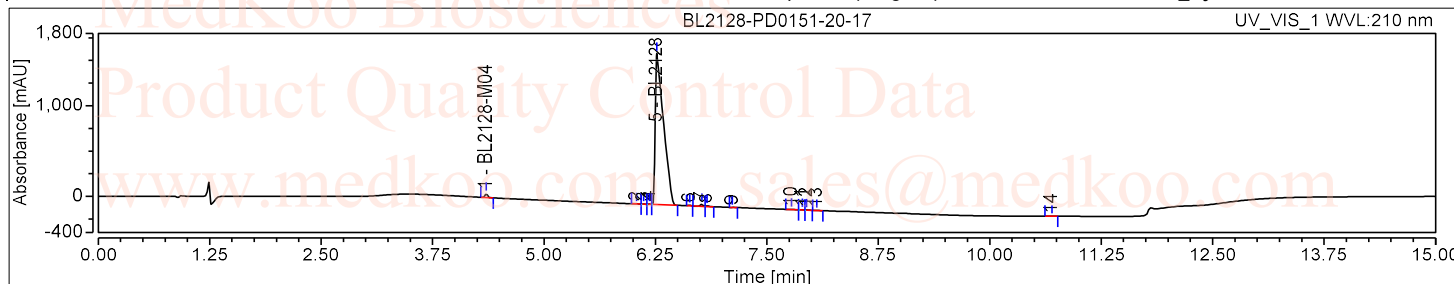
2.97

9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0

fl (ppm)

# Alifedrine HCl HPLC Analysis

| Injection Details  |                     |                       |              |
|--------------------|---------------------|-----------------------|--------------|
| Injection Name:    | BL2128-PD0151-20-17 | Compound ID:          | BL2128       |
| Vial Number:       | Y:C9                | Sample ID:            | PD0151-20-17 |
| Injection Volume:  | 5.00                | Wavelength:           | 210          |
| Instrument Method: | BL2128-METHOD-01    | Channel:              | UV_VIS_1     |
| Processing Method: | BL2128-PM-01        | Run Time (min):       | 15.00        |
|                    |                     | Operator (run):       | luo_zijuan   |
|                    |                     | Operator (integrate): | luo_zijuan   |



| Integration Results |                       |           |                |               |       |                  |                 |               |
|---------------------|-----------------------|-----------|----------------|---------------|-------|------------------|-----------------|---------------|
| No.                 | Retention Time<br>min | Rel. Ret. | Time. (BL2128) | Height<br>mAU | Match | Resolution (USP) | Area<br>mAU*min | Rel.Area<br>% |
| 1                   | 4.353                 |           | 0.70           | 47.110        | 1000  | n.a.             | 1.402           | 0.77          |
| 2                   | 6.040                 |           | 0.96           | 2.206         | 879   | 34.0             | 0.078           | 0.04          |
| 3                   | 6.117                 |           | 0.98           | 1.832         | 865   | 34.8             | 0.066           | 0.04          |
| 4                   | 6.183                 |           | 0.99           | 4.950         | 971   | 35.5             | 0.162           | 0.09          |
| 5                   | 6.263                 |           | 1.00           | 1670.471      | 1000  | 16.1             | 177.921         | 97.95         |
| 6                   | 6.633                 |           | 1.06           | 7.860         | 997   | 3.2              | 0.214           | 0.12          |
| 7                   | 6.770                 |           | 1.08           | 23.702        | 994   | 4.2              | 0.857           | 0.47          |
| 8                   | 6.830                 |           | 1.09           | 10.395        | 999   | 4.7              | 0.338           | 0.19          |
| 9                   | 7.113                 |           | 1.14           | 1.879         | 849   | 6.6              | 0.077           | 0.04          |
| 10                  | 7.777                 |           | 1.24           | 3.383         | 870   | 12.0             | 0.152           | 0.08          |
| 11                  | 7.900                 |           | 1.26           | 3.985         | 976   | 13.7             | 0.127           | 0.07          |
| 12                  | 7.947                 |           | 1.27           | 3.023         | 982   | 13.8             |                 | 0.06          |
| 13                  | 8.060                 |           | 1.29           | 1.871         | 928   | 13.6             | 0.093           | 0.05          |
| 14                  | 10.697                |           | 1.71           | 1.252         | 998   | 34.0             | 0.056           | 0.03          |

MedKoo Cat#: 573105

Name: Alifedrine HCl

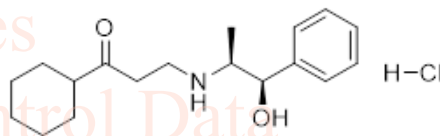
CAS#: 72913-80-5 (HCl)

Lot#: H23P02S24

Chemical Formula: C<sub>18</sub>H<sub>28</sub>ClNO<sub>2</sub>

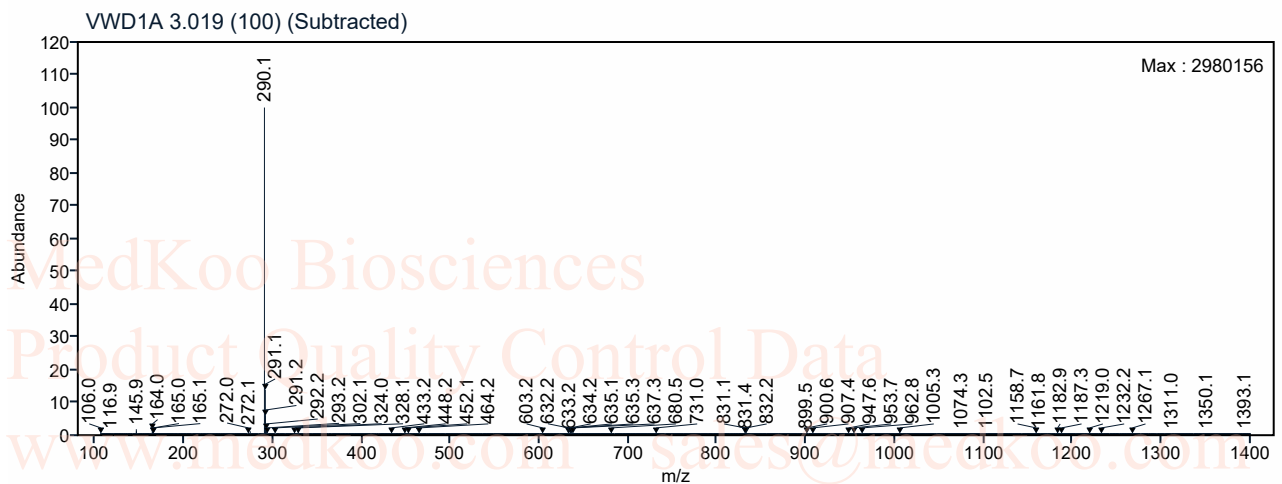
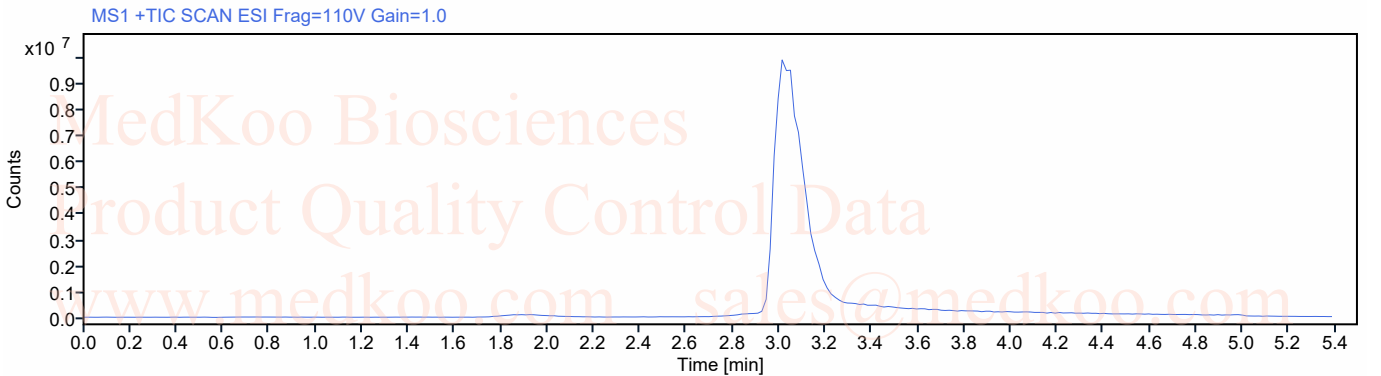
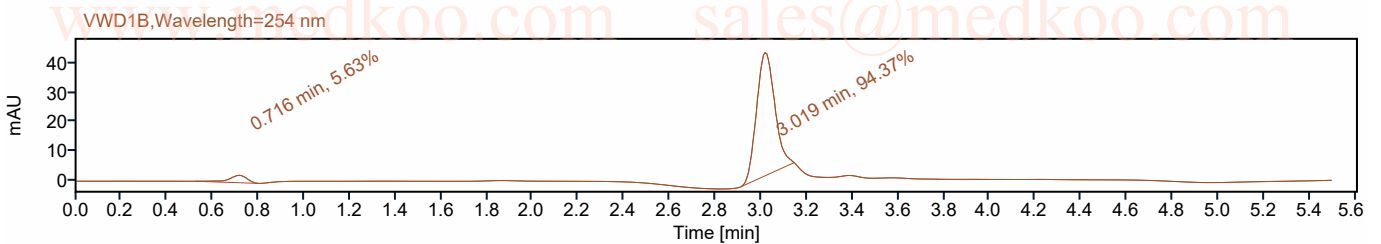
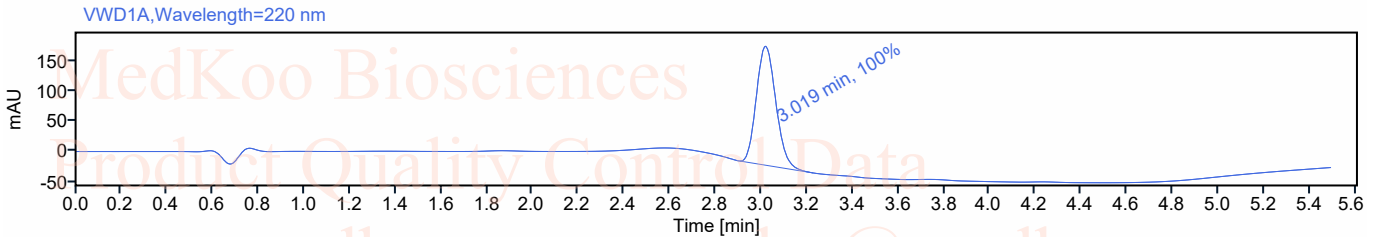
Exact Mass: 289.2042

Molecular Weight: 325.877



# Alifedrine HCl LCMS Analysis

**Sequence Name:** SingleSample  
**Data file:** BL2128-PD0151-20-17-LCMS-ZJ2023-02-24 09-46-52+08-00.dx **Project Name:** LCMS TEST  
**Sample name:** BL2128-PD0151-20-17-LCMS-ZJ **Operator :** user  
**Instrument:** LC MS **Location:** P2-A1  
**Inj. volume:** 10.000  
**Acq. method:** LCMS 10-90\_5min.amx



MedKoo Cat#: 573105  
Name: Alifedrine HCl  
CAS#: 72913-80-5 (HCl)  
Lot#: H23P02S24  
Chemical Formula: C<sub>18</sub>H<sub>28</sub>ClNO<sub>2</sub>  
Exact Mass: 289.2042  
Molecular Weight: 325.877

