



# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: Necrostatin-1  
Operator: David  
Injection Date: 3/3/2016 3:44:54 PM  
Batch No.: 2

## 2. HPLC Condition

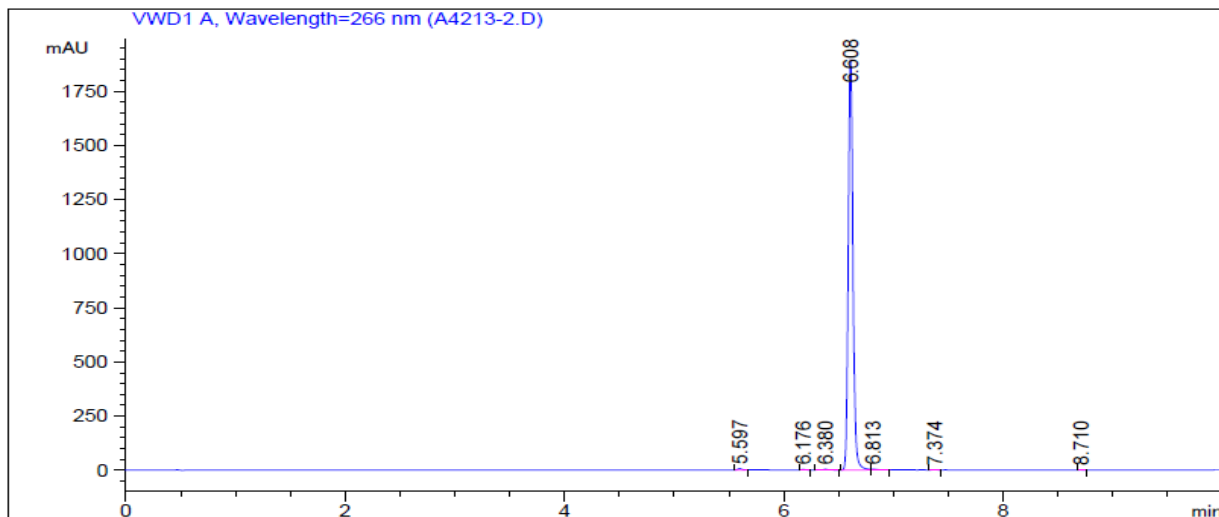
Column: Athena C18, 3  $\mu$ m, 2.1mm  $\times$  100 mm  
Solvent A: 0.1% H<sub>3</sub>PO<sub>4</sub> in 100% Acetonitrile  
Solvent B: 0.1% H<sub>3</sub>PO<sub>4</sub> in 100% Water

Gradient:

| Time    | A    | B    |
|---------|------|------|
| 0.0min  | 0%   | 100% |
| 2.0min  | 0%   | 100% |
| 6.0min  | 95%  | 5%   |
| 9.0min  | 95%  | 5%   |
| 10.0min | 0%   | 100% |
| 10.0min | Stop | Stop |

Flow rate: 0.4ml/min  
Wavelength: 266nm  
Volume: 10 $\mu$ l

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 5.597        | 16.11239    | 0.2824  |
| 2    | 6.176        | 7.19079     | 0.1260  |
| 3    | 6.380        | 14.42111    | 0.2528  |
| 4    | 6.608        | 5647.54590  | 98.9890 |
| 5    | 6.813        | 12.84043    | 0.2251  |
| 6    | 7.374        | 4.33322     | 0.0760  |
| 7    | 8.710        | 2.78340     | 0.0488  |