



# High Performance Liquid Chromatography

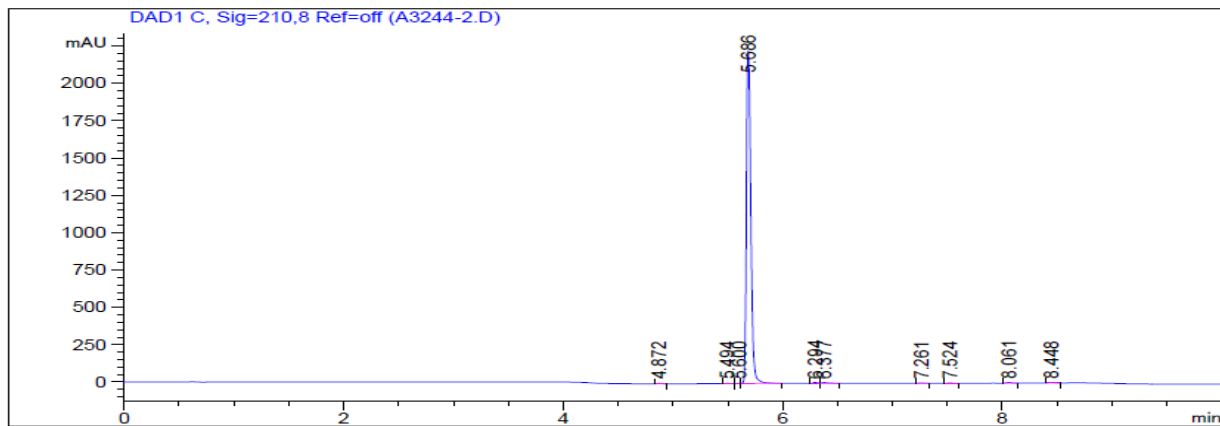
## 1. Analysis Information

|                 |                              |
|-----------------|------------------------------|
| Product Name:   | Bivalirudin Trifluoroacetate |
| Operator:       | David                        |
| Injection Date: | 6/28/2016 4:43:57 PM         |
| Batch No.:      | 2                            |

## 2. HPLC Condition

| Column:     | Athena C18, 3 $\mu$ m, 2.1mm $\times$ 100 mm  |      |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
|-------------|---|------|------|---|---|--------|----|------|--------|----|------|--------|-----|----|---------|-----|----|---------|------|------|
| Solvent A:  | 0.1% H3PO4 in 100% Acetonitrile   |      |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| Solvent B:  | 0.1% H3PO4 in 100% Water  |      |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| Gradient:   | <table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.0min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>2.0min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>7.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>10.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>10.0min</td> <td>Stop</td> <td>Stop</td> </tr> </tbody> </table> |      | Time | A | B | 0.0min | 0% | 100% | 2.0min | 0% | 100% | 7.0min | 95% | 5% | 10.0min | 95% | 5% | 10.0min | Stop | Stop |
| Time        | A   | B    |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| 0.0min      | 0%  | 100% |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| 2.0min      | 0%  | 100% |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| 7.0min      | 95%   | 5%   |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| 10.0min     | 95%   | 5%   |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| 10.0min     | Stop  | Stop |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| Flow rate:  | 0.5ml/min   |      |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| Wavelength: | 210nm   |      |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |
| Volume:     | 3.0 $\mu$ l   |      |      |   |   |        |    |      |        |    |      |        |     |    |         |     |    |         |      |      |

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 4.872        | 6.52073     | 0.1027  |
| 2    | 5.494        | 3.79611     | 0.0598  |
| 3    | 5.600        | 2.84053     | 0.0448  |
| 4    | 5.686        | 6268.95508  | 98.7807 |
| 5    | 6.294        | 16.79799    | 0.2647  |
| 6    | 6.377        | 20.18045    | 0.3180  |
| 7    | 7.261        | 4.15693     | 0.0655  |
| 8    | 7.524        | 4.97886     | 0.0785  |
| 9    | 8.061        | 12.04203    | 0.1897  |
| 10   | 8.448        | 6.06717     | 0.0956  |