

**Facade®-TFA1**
**Facade®-TFA1**
**850526P-25mg**

Page 1 of 1

|                          |  |
|--------------------------|--|
| <b>Molecular Weight</b>  | 2148.416   |
| <b>Chemical Formula</b>  | C <sub>101</sub> H <sub>170</sub> N <sub>2</sub> O <sub>46</sub> |
| <b>Physical State</b>    | Powder   |
| <b>Storage</b>           | -20 °C   |
| <b>Expiration Date</b>   | One year from date of receipt                                    |
| <b>M Lot Number</b>      | 5705PJA010   |
| <b>Avanti Lot Number</b> | 850526P-25MG-A-010   |

| ANALYSIS                                      | SPECIFICATION   | RESULTS                         |
|---|---|---------------------------------|
| Physical examination                          | <b>Powder:</b> White solid which contains no foreign matter.  | Pass                            |
| TLC<br>(65:35:8<br>Chloroform:Methanol:Water) | >99% Purity<br>Ninhydrin: negative<br>Iodine: one major spot<br>Phosphorus: negative<br>Charring: negative<br>Water dip: one major spot | All Pass                        |
| Proton NMR                                    | NMR spectrum consistent with structure  | Consistent with structure       |
| Carbon NMR                                    | NMR spectrum consistent with structure  | Consistent with structure       |
| Mass Spectroscopy                             | [M+H] <sup>+</sup> = 2149.416 ± 1 amu<br>or<br>[M+NH <sub>4</sub> ] <sup>+</sup> = 2167.416 ± 1 amu                                     | [M+H] <sup>+</sup> = 2148.6 amu |

Approved By:

