

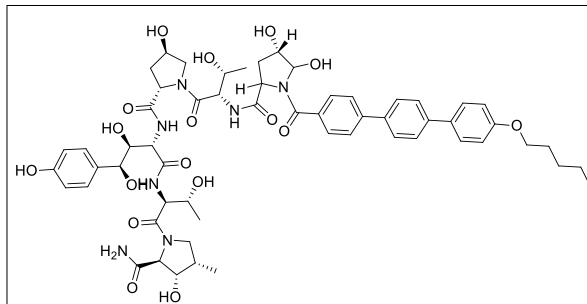
Analysis Date: 07-12-2023

Re-test Date: 07-12-2026

## ANIDULAFUNGIN IMPURITY A

### Identification

|                   |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Name     | : (4S)-N-((2S,3R)-1-((2S,4R)-2-(((2S,3S,4S)-1-(((2S,3R)-1-((2S,3S,4S)-2-carbamoyl-3-hydroxy-4-methylpyrrolidin-1-yl)-3-hydroxy-1-oxobutan-2-yl)amino)-3,4-dihydroxy-4-(4-hydroxyphenyl)-1-oxobutan-2-yl)carbamoyl)-4-hydroxypyrrolidin-1-yl)-3-hydroxy-1-oxobutan-2-yl)-4,5-dihydroxy-1-(4''-(pentyloxy)-[1,1':4',1''-terphenyl]-4-carbonyl)pyrrolidine-2-carboxamide |
| CAT No            | : ALL-A07448                                                                                                                                                                                                                                                                                                                                                          |
| CAS No            | : N.A                                                                                                                                                                                                                                                                                                                                                                 |
| Molecular Formula | : C <sub>58</sub> H <sub>73</sub> N <sub>7</sub> O <sub>17</sub>                                                                                                                                                                                                                                                                                                      |
| Molecular Weight  | : 1140.3                                                                                                                                                                                                                                                                                                                                                              |



### Analytical Information

|                       |                   |                    |           |
|-----------------------|-------------------|--------------------|-----------|
| Batch Code            | : ALL-A07448      | HPLC Purity        | : 96.30 % |
| Solubility            | : MeOH: ACN       | Potency            | : 95.97 % |
| Appearance of Product | : Off White Solid | Mass               | : Confirm |
| Long Term Storage     | : 2-8°C           | IR Analysis        | : Confirm |
| Weight Loss By TGA    | : 0.233 %         | <sup>1</sup> H NMR | : Confirm |
| Residue Of Ignition   | : 0.102 %         |                    |           |

### Additional Information

$$\% \text{Potency} = [100 - (\text{Inorganic Impurities \%} + \text{Water \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.233 + 0.102) \times 96.30] / 100 = 95.97 \%$$

Recommendation : Released

|                          | Department | Name                            | Signature |
|--------------------------|------------|---------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Ms. Priya Ubhad Jr. Executive   |           |
| Approved By              | QA&QC      | Dr. Ashish Keche Director QA&QC |           |

Attachment : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

### Corporate Office

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