

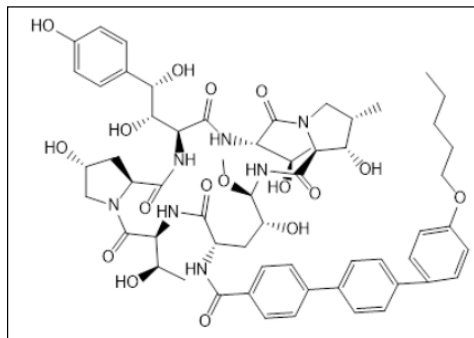
Analysis Date: 12-04-2023

Re-test Date: 12-04-2026

## ANIDULAFUNGIN IMPURITY D

### Identification

|                   |                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Name     | : N-((2R,6S,9S,11R,12R,14aS,15S,16S,20S,23S,25aS)-23-((1S,2S)-1,2-Dihydroxy-2-(4-hydroxyphenyl)ethyl)-2,11,15-trihydroxy-6,20-bis((R)-1-hydroxyethyl)-12-methoxy-16-methyl-5,8,14,19,22,25-hexaoxotetracosahydro-1H-dipyrrolo[2,1-c:2',1'-l][1,4,7,10,13,16]hexaazacyclohenicosin-9-yl)-4''-(pentyloxy)-[1,1':4',1''-terphenyl]-4-carboxamide |
| CAT No            | : ALL-A07450                                                                                                                                                                                                                                                                                                                                  |
| CAS No            | : 185425-47-2                                                                                                                                                                                                                                                                                                                                 |
| Molecular Formula | : C <sub>59</sub> H <sub>75</sub> N <sub>7</sub> O <sub>17</sub>                                                                                                                                                                                                                                                                              |
| Molecular Weight  | : 1154.3                                                                                                                                                                                                                                                                                                                                      |



### Analytical Information

|                       |                   |                    |           |
|-----------------------|-------------------|--------------------|-----------|
| Batch Code            | : ALL-A07450      | HPLC Purity        | : 96.30 % |
| Solubility            | : MeOH: ACN       | Potency            | : 95.99 % |
| Appearance of Product | : Off White Solid | Mass               | : Confirm |
| Long Term Storage     | : 2-8°C           | IR Analysis        | : Confirm |
| Weight Loss By TGA    | : 0.110 %         | <sup>1</sup> H NMR | : Confirm |
| Residue Of Ignition   | : 0.203 %         |                    |           |

### Additional Information

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

$$[100 - (0.110 + 0.203) \times 96.30] / 100 = 95.99 \%$$

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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