

**Rbm-14-12**

**N-((2S,3R)-1,3-dihydroxy-5-((2-oxo-2H-chromen-7-yl)oxy)pentan-2-yl)dodecanamide**

**860855P-1mg**

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|                          |   |
|--------------------------|---|
| <b>Molecular Weight</b>  | 461.59  |
| <b>Chemical Formula</b>  | C <sub>26</sub> H <sub>39</sub> NO <sub>6</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>      | 6678PGI010                                      |
| <b>Avanti Lot Number</b> | 860855P-1MG-I-010                               |

| ANALYSIS                         | SPECIFICATION   | RESULTS   |
|----------------------------------|---|---|
| Physical Examination             | <b>Powder:</b> White solid which contains no foreign matter   | Pass  |
| TLC<br>(9:1 Chloroform:Methanol) | >99% Purity<br>Ninhydrin spray: 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   |
| Mass Spectroscopy                | [M+H] <sup>+</sup> = 462.59 ± 1 amu<br>[M+NH <sub>4</sub> ] <sup>+</sup> = 479.59 ± 1 amu   | [M+H] <sup>+</sup> = 462.5 amu<br>[M+NH <sub>4</sub> ] <sup>+</sup> = 479.5 amu |

Approved By:



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