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**Certificate of Analysis**

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Product Name: R18  
Cat. No.: GC16806  
Batch No.: 1  
Chemical Name: (3S,4Z,6S,7Z,9S,10Z,12S,13Z,15S,16Z,18S,19Z,21S,22Z,24S)-12-((1H-indol-3-yl)methyl)-18-(carboxymethyl)-24-((1Z,3S,4Z,6S,7Z,9S,10Z,12R,13Z,15S)-15-((S)-2-carboxypyrrolidine-1-carbonyl)-1,4,7,10,13-pentahydroxy-6-(2-hydroxy-2-iminoethyl)-12-(mercaptomethyl)

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 211364-78-2  
Molecular Formula: C<sub>101</sub>H<sub>157</sub>N<sub>27</sub>O<sub>29</sub>S<sub>3</sub>  
Molecular Weight: 2309.69  
Storage: Desiccate at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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