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## Certificate of Analysis

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Product Name: MCH (human, mouse, rat)  
Cat. No.: GC14846  
Batch No.: 1  
Chemical Name: (6S,7E,9S,10Z,12S,13Z,15S,16Z,18S,19Z,21S)-1,21-diamino-18-benzyl-6-((Z)-(((1E,3R,8R,9Z,11S,12Z,14S,15Z,18Z,20S,21Z,23S,24Z,26S,27Z,29S,34aS)-3-((Z)-(((S,Z)-1-(((S,Z)-1-(((S)-1-carboxy-2-methylpropyl)imino)-1,5-dihydroxy-5-iminopentan-2-yl)imino)-1-hydrox

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 128315-56-0  
Molecular Formula: C<sub>105</sub>H<sub>160</sub>N<sub>30</sub>O<sub>26</sub>S<sub>4</sub>  
Molecular Weight: 2386.84  
Storage: Store 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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