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**Certificate of Analysis**

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Product Name: Nosiheptide  
Cat. No.: GC16572  
Batch No.: 1  
Chemical Name: N-[1-(aminocarbonyl)ethenyl]-2-[(11S,14Z,21S,23S,29S)-14-ethylidene-9,10,11,12,13,14,19,20,21,22,23,24,26,33,35,36-hexadecahydro-3,23-dihydroxy-11-[(1R)-1-hydroxyethyl]-31-methyl-9,12,19,24,33,43-hexaoxo-30,32-imino-8,5:18,15:40,37-trinitrilo-21,36-([2,4]

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 56377-79-8  
Molecular Formula:  $C_{51}H_{43}N_{13}O_{12}S_6$   
Molecular Weight: 1222.4  
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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