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**Certificate of Analysis**

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Product Name: PPlase-Parvulin Inhibitor  
Cat. No.: GC12953  
Batch No.: 1  
Chemical Name: 1,3,6,8-tetrahydro-1,3,6,8-tetraoxo-benzo[1mn][3,8]phenanthroline-2,7-diacetic acid, 2,7-diethyl ester

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 64005-90-9  
Molecular Formula:  $C_{22}H_{18}N_2O_8$   
Molecular Weight: 438.4  
Storage: Store at  $-20^{\circ}C$   
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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