

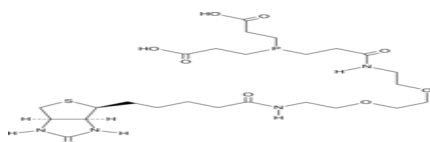
## Certificate of Analysis

Product Name: TCEP-biotin  
Cat. No.: GC40251  
Batch No.: 1  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 2227020-26-8  
Molecular Formula: C<sub>25</sub>H<sub>43</sub>N<sub>4</sub>O<sub>9</sub>PS  
Molecular Weight: 606.7  
Storage: Store at -20°C

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >95.00%  
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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