

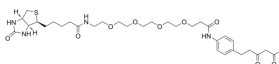
## Diketone-PEG4-Biotin

Cat. No.: HY-140448  
CAS No.: 2353409-85-3  
Batch No.: 389818  
Chemical Name: N-(4-(3,5-Dioxohexyl)phenyl)-1-(5-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamido)-3,6,9,12-tetraoxapentadecan-15-amide

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>33</sub>H<sub>50</sub>N<sub>4</sub>O<sub>9</sub>S  
Molecular Weight: 678.84  
Storage: -20°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to light yellow (Oil)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥95.0%  
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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