

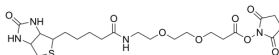
## Biotin-PEG2-NHS ester

Cat. No.: HY-140888  
CAS No.: 596820-83-6  
Batch No.: 343986  
Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[2-[2-[3-[(2,5-dioxo-1-pyrrolidinyl)oxy]-3-oxopropoxy]ethoxy]ethyl]hexahydro-2-oxo- (9CI)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>21</sub>H<sub>32</sub>N<sub>4</sub>O<sub>8</sub>S  
Molecular Weight: 500.57  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 96.65%  
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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