

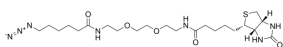
## Biotin-PEG2-C6-azide

Cat. No.: HY-117042  
CAS No.: 1011268-29-3  
Batch No.: 178660  
Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[2-[2-[(6-azido-1-oxohexyl)amino]ethoxy]ethoxy]ethyl]hexahydro-2-oxo-, (3aS,4S,6aR)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>39</sub>N<sub>7</sub>O<sub>5</sub>S  
Molecular Weight: 513.65  
Storage: Powder -20°C 3 years  
4°C 2 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): 95.87%  
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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