

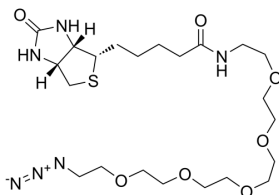
## Biotin-PEG5-azide

Cat. No.: HY-133174  
CAS No.: 1163732-89-5  
Batch No.: 134304  
Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-(17-azido-3,6,9,12,15-pentaoxaheptadec-1-yl)hexahydro-2-oxo-, (3aS,4S,6aR)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>40</sub>N<sub>6</sub>O<sub>7</sub>S  
Molecular Weight: 532.65  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to off-white (Oil)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: 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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