

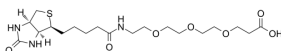
## Biotin-PEG3-acid

Cat. No.: HY-116027  
CAS No.: 252881-76-8  
Batch No.: 113893  
Chemical Name: 4,7,10-Trioxa-13-azaoctadecanoic acid,18-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-14-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>19</sub>H<sub>33</sub>N<sub>3</sub>O<sub>7</sub>S  
Molecular Weight: 447.55  
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: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR): ≥98.0%  
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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