

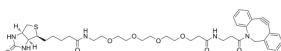
## DBCO-PEG4-Biotin

Cat. No.: HY-130809  
CAS No.: 1255942-07-4  
Batch No.: 122299  
Chemical Name: 1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[19-(11,12-didehydrodibenz[b,f]azocin-5(6H)-yl)-15,19-dioxo-3,6,9,12-tetraoxa-16-azanonadec-1-yl]hexahydro-2-oxo-, (3aS,4S,6aR)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>39</sub>H<sub>51</sub>N<sub>5</sub>O<sub>8</sub>S  
Molecular Weight: 749.92  
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: Off-white to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.18%  
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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