

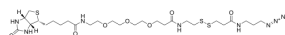
## Biotin-PEG3-SS-azide

Cat. No.: HY-140944  
 Batch No.: 109506  
 Chemical Name: N-(24-Azido-12,20-dioxo-3,6,9-trioxa-16,17-dithia-13,21-diazatetracosyl)-5-((3aR,4R,6aS)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamide

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{27}H_{48}N_8O_7S_3$   
 Molecular Weight: 692.91  
 Storage: -20°C, protect from light, stored under nitrogen  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to light yellow (Oil)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 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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