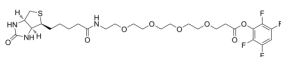


## Biotin-PEG4-TFP ester

Cat. No.: HY-140903  
Batch No.: 286178  
Chemical Name: 2,3,5,6-Tetrafluorophenyl 17-oxo-21-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)-4,7,10,13-tetraoxa-16-azahenicosanoate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>27</sub>H<sub>37</sub>F<sub>4</sub>N<sub>3</sub>O<sub>8</sub>S  
Molecular Weight: 639.66  
Storage: -80°C  
Chemical Structure:



### ANALYTICAL DATA

Appearance: Colorless to off-white (Oil)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 98.21%  
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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