

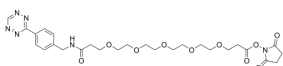
## Tetrazine-Ph-PEG5-NHS ester

Cat. No.: HY-130551  
CAS No.: 1682653-80-0  
Batch No.: 287831  
Chemical Name: 4,7,10,13,16-Pentaoxa-20-azaheneicosanoic acid, 19-oxo-21-[4-(1,2,4,5-tetrazin-3-yl)phenyl]-, 2,5-dioxo-1-pyrrolidinyl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>27</sub>H<sub>36</sub>N<sub>6</sub>O<sub>10</sub>  
Molecular Weight: 604.61  
Storage: Powder -20°C 3 years  
In solvent -80°C 6 months  
-20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Purple to purplish red (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 97.29%  
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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