

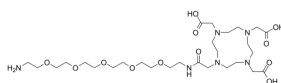
## DOTA-PEG5-amine

Cat. No.: HY-140008  
Batch No.: 145539  
Chemical Name: 2,2',2''-(10-(20-Amino-2-oxo-6,9,12,15,18-pentaoxa-3-azaicosyl)-1,4,7,10-tetraazacyclododecan  
e-1,4,7-triyl)triacetic acid

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{28}H_{54}N_6O_{12}$   
Molecular Weight: 666.76  
Storage: Powder      -20°C    3 years  
                                       4°C      2 years  
         In solvent      -80°C    6 months  
                                       -20°C    1 month

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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