

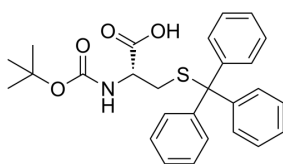
## (R)-2-((tert-Butoxycarbonyl)amino)-3-(tritylthio)propanoic acid

Cat. No.: HY-W008178  
CAS No.: 21947-98-8  
Batch No.: 440444  
Chemical Name: L-Cysteine, N-[(1,1-dimethylethoxy)carbonyl]-S-(triphenylmethyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>27</sub>H<sub>29</sub>NO<sub>4</sub>S  
Molecular Weight: 463.59  
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  
LCMS: Consistent with structure  
Purity (LCMS): 99.65%  
Water(KF): 0.79%  
OR[α](C=1.00 g/100ml MeOH): 25.5°  
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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