

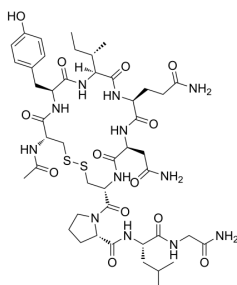
## N-Acetyloxytocin

Cat. No.: HY-P3219  
 CAS No.: 10551-48-1  
 Batch No.: 178878  
 Chemical Name: Oxytocin, N-acetyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{45}H_{68}N_{12}O_{13}S_2$   
 Molecular Weight: 1049.22  
 Storage: Sealed storage, away from moisture and light, under nitrogen  
 Powder -80°C 2 years  
 -20°C 1 years  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.93%  
 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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