

## Oxytocin

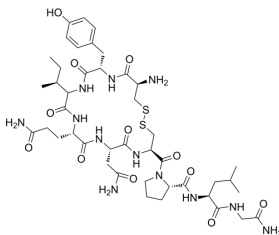
Cat. No.: HY-17571  
CAS No.: 50-56-6  
Batch No.: 110741  
Chemical Name: Oxytocin

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>43</sub>H<sub>66</sub>N<sub>12</sub>O<sub>12</sub>S<sub>2</sub>  
Molecular Weight: 1007.19  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 year

\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### 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): 99.79%  
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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