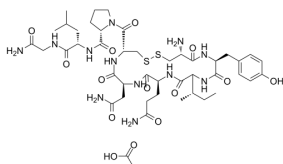


## Certificate of Analysis

**Product Name:** Oxytocin (acetate)  
**Cat. No.:** CS-3775  
**CAS No.:** 6233-83-6  
**Batch No.:** 16893  
**Chemical Name:** Oxytocin, acetate (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>45</sub>H<sub>70</sub>N<sub>12</sub>O<sub>14</sub>S<sub>2</sub>  
**Molecular Weight:** 1067.24  
**Storage:** -80°C, 2 years; -20°C, 1 year (Sealed storage, away from moisture)  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**Purity (NMR):** ≥99.0%  
**Activity:** 526 IU  
**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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