

## Analytical Data Sheet

Lot number **1061734**  
not for drug use

Catalog number **H-4928.0005**  
Product number **4034493.0005**  
Product **(d(CH<sub>2</sub>)<sub>5</sub><sup>1</sup>, Tyr(Me)<sup>2</sup>, Orn<sup>8</sup>) - Oxytocin trifluoroacetate salt**  
 $\beta$ - Mercapto-  $\beta$ ,  $\beta$ - cyclopentamethylene- propionyl- Tyr(Me) - Ile- Gln- Asn- Cys- Pro- Orn- Gly- NH<sub>2</sub> trifluoroacetate salt (Disulfide bond)  
Molecular formula **C<sub>48</sub>H<sub>74</sub>N<sub>12</sub>O<sub>12</sub>S<sub>2</sub>**  
Relative molecular mass **1075.32**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 1075.2u
Amino acid analysis	Asx 1.0(1) Pro 1.0(1) Gly 1.1(1) Ile 1.0(1) Glx 1.0(1) Cys* 0.1(1) Orn det(1)  Tyr(Me): det. (1) * partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% TFA in water
Purity (HPLC)	> 96%
Assay (AAA)	89.7%

Latest update: September 22, 2015

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