

Analytical Data Sheet

Lot number

1072570

not for drug use

Catalog number

H-4928.0001

Product number

4034493.0001

Product

**(d(CH₂)₅¹, Tyr(Me)₂², Orn⁸) - Oxytocin
trifluoroacetate salt**

β- Mercapto- β, β- cyclopentamethylene- propionyl-
Tyr(Me) - Ile- Gln- Asn- Cys- Pro- Orn- Gly- NH₂
trifluoroacetate salt
(Disulfide bond)

Molecular formula

C₄₈H₇₄N₁₂O₁₂S₂

Relative molecular mass

1075.32

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1074.95
Amino acid analysis	Asx 1.05 (1) Ile 0.97 (1) Glx 0.95 (1) TMe [^] Det (1) Pro* 1.21 (1) Orn Det (1) Gly 1.02 (1) Cys** 0.17 (1) *Proline value high due to the incorporation of cysteine **Partially destroyed during acid hydrolysis [^] TMe detected as Tyr(Me)
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	99.2%
Assay (AAA)	97.3%

Latest update: July 13, 2017

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