

Analytical Data Sheet

Lot number **1000017817**
not for drug use

Catalog number n/a

Product number **4083915.2001**

Product **(Orn(Atosiban (free acid))⁸) - Atosiban trifluoroacetate salt**
3- Mercaptopropionyl- D- Tyr(Et) - Ile- Thr- Asn- Cys- Pro- Orn(Gly- Orn- Pro- Cys- Asn- Thr- Ile- D- Tyr(Et) - 3- mercaptopropionyl) - Gly- NH₂ trifluoroacetate salt (Disulfide bonds between 3- Mercaptopropionyl A and Cys A/Cys B and 3- Mercaptopropionyl B)

Molecular formula C₈₆H₁₃₁N₂₁O₂₄S₄

Relative molecular mass 1971.38

Tests	Results
Appearance	white powder, without visible impurities
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 1970.1u (monoisotopic mass)
Purity (HPLC)	98.4%
Assay (elemental analysis)	86.9% (Nth 14.92%, Nfd 12.96%)
Water content (KF coulometric)	4.1%
Trifluoroacetic acid content (HPLC)	8.4%
Mass balance	99.4%

Latest update: June 28, 2019

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