

Analytical Data Sheet

Lot number	1000048708 not for drug use
Product	([ring-D₅]Phe³)-Octreotide acetate salt H-D-Phe-Cys-[ring-D ₅]Phe-D-Trp-Lys-Thr-Cys-L-threoninol acetate salt (Disulfide bond)
Product number	4069671.1000
Molecular formula	C ₄₉ H ₆₁ D ₅ N ₁₀ O ₁₀ S ₂
Relative molecular mass	1024.30

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 1023.5 u
Amino acid analysis	Thr 1.12 (1) Cys* 0.07 (2) Phe 2.00 (2) Lys** 1.43 (1) Trp* 0.53 (1) th*** det (1) * partially destroyed during acid hydrolysis ** Lysine value high due to the coelution with L-threoninol *** th detected as L-threoninol
Solubility	soluble in water at 1 mg/mL
Purity (HPLC)	96.0%
Assay (AAA)	75.7%

Latest update: May 06, 2021

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