

Analytical Data Sheet

Lot number

1041992

not for drug use

Catalog Number	H-4642.0005
Product number	4025364.0005
Product	(D- His ² , D- Trp ⁶) - LHRH trifluoroacetate salt Pyr- D- His- Trp- Ser- Tyr- D- Trp- Leu- Arg- Pro- Gly- NH ₂ trifluoroacetate salt
Molecular formula	C ₆₄ H ₈₂ N ₁₈ O ₁₃
Relative molecular mass	1311.47

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 1310.7Da
Amino acid analysis	Ser 1.05 (1) Glx 1.10 (1) Pro 1.01 (1) Gly 0.94 (1) Leu 1.00 (1) Tyr 1.01 (1) His 1.00 (1) Arg 1.01 (1) Trp det. (1)
Solubility	soluble in water
Purity (HPLC)	95.2% (TFA) 95.3% (TEAP) 96.8% (NaClO ₄)
Assay (elemental analysis)	79.0% (Nth 19.22 %, Nfd 15.18 %)
Latest update: April 17, 2012	