

Analytical Data Sheet

Lot number

1062047

not for drug use

Catalog number	H-3078.0005
Product number	4026526.0005
Product	(D- Trp⁶) - LHRH (free acid) trifluoroacetate salt Pyr- His- Trp- Ser- Tyr- D- Trp- Leu- Arg- Pro- Gly- OH trifluoroacetate salt
Molecular formula	C ₆₄ H ₈₁ N ₁₇ O ₁₄
Relative molecular mass	1312.45

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 1312.4u (average mass)
Amino acid analysis	Ser det. (1) Pro 1.00(1) Glx 0.96(1) Tyr 1.00(1) Gly 1.02(1) Leu 0.98(1) His 1.00(1) Trp det.(2) Arg 1.00(1)
Purity (HPLC)	98.7%(TFA)
Assay (elemental analysis)	79.8%(Nth 18.14% Nfd 14.48%)
Water content (KF volumetric)	1.6%
Trifluoroacetic acid content (HPLC)	16.8%
Mass balance	98.2%(assay + acetic acid content + water content)

Latest update: October 14, 2015

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