

Analytical Data Sheet

Lot number

1017990

not for drug use

Catalog Number

H-5076.0001

Product number

4035178.0001

Product

Luteinizing Hormone- Releasing Hormone Antagonist trifluoroacetate salt

Ac- D- 2- Nal- p- chloro- D- Phe- β- (3- pyridyl) - D- Ala- Gly- Arg- Pro- D- Ala- NH₂ trifluoroacetate salt

Molecular formula

C₄₈H₅₉ClN₁₂O₈

Relative molecular mass

967.53

Tests	Results	
Appearance	white powder	
Appearance of solution	clear, colorless solution (1 mg/ml in water)	
Identification (ESI-MS)	m = 967.5u (average mass)	
Purity (HPLC)	98.5% (TFA) 97.7% (TEAP) 98.2% (NaClO ₄)	
Assay (elemental analysis)	74.6% (Nth 17.37, Nfd 12.95 %)	
General comment	product supplied as a trifluoroacetate salt product is hygroscopic	
Latest update: October 24, 2008		Analytical Data Sheet Lot number 1017990