

Analytical Data Sheet

Lot number

1008583

not for drug use

Catalog Number

H-2218.1000

Product number

4026028.1000

Product

(Phe¹³, Tyr¹⁹) – MCH (human, mouse, rat) trifluoroacetate salt

H– Asp– Phe– Asp– Met– Leu– Arg– Cys– Met– Leu– Gly– Arg– Val– Phe– Arg– Pro– Cys– Trp– Gln– Tyr– OH
trifluoroacetate salt
(Disulfide bond)

Molecular formula

C₁₀₉H₁₆₀N₃₀O₂₆S₄

Relative molecular mass

2434.92

Tests	Results	
Appearance	white powder	
Appearance of solution	clear, colorless solution (5 mg/ml in 25 % acetic acid)	
Identification (ESI–MS)	m = 2434.8 u (average mass)	
Amino acid analysis	Asx 1.94 (2) Phe 2.00 (2) Val 0.99 (1) Gly 1.07 (1) Trp det. (1) Leu 2.01 (1) Pro 1.09 (1) Glx 0.99 (1) Tyr 0.99 (1) Arg 3.09 (3) Met 1.98 (2) Cys 0.89 (1)	
Purity (HPLC)	97.1% (TFA) 97.2% (NaClO ₄)	
Assay (elemental analysis)	79.3% (Nth 17.26 %, Nfd 13.69 %)	
General comment	Product supplied as a trifluoroacetate salt	
Latest update: October 24, 2008		Analytical Data Sheet Lot number 1008583