

Analytical Data Sheet

Lot number **1000000540**
not for drug use

Catalog number **H-2218.0500**
Product number **4026028.0500**
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 = 2434.8u (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: May 16, 2018

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