

Analytical Data Sheet

Lot number

0558308

not for drug use

Catalog Number

M-2255.0005

Product number

4031302.0005

Product

Mca- (endo- 1a- Dap(Dnp)) - TNF- α (- 5 to +6) amide (human) trifluoroacetate salt
 Mca- Pro- Leu- Ala- Gln- Ala- Val- Dap(Dnp) - Arg- Ser- Ser- Ser- Arg- NH₂ trifluoroacetate salt

Molecular formula

C₆₉H₁₀₃N₂₃O₂₄

Relative molecular mass

1638.72

Tests	Results
Identification (MALDI-MS)	as expected
Amino acid analysis	Ser* 1.37 (3) Pro 0.99 (1) Ala 2.00 (2) Leu 0.99 (1) Arg 2.11 (2) Glx 1.00 (1) Val 0.93 (1) 7-Methoxycoumarin (Mca)** ND (1) 3 (2,4-Dinitrophenyl) Diaminopropionic acid (Dpa)** ND (1) * Ser was partially destroyed during hydrolysis ** ND - Not determined - Mca and Dpa were not quantitated
Solubility	at least 1 mg/ml in 1/2 portion acetonitrile, then 1/2 portion water with agitation
Purity (HPLC)	> 98%
Peptide content	81.6%
Latest update: October 25, 2008	
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