

Analytical Data Sheet

Lot number	1000043550 not for drug use
Product	Mca-Lys-Pro-Leu-Gly-Leu-Dap(Dnp)-Ala-Arg-NH ₂ trifluoroacetate salt
Product number	4028885.0001
Molecular formula	C ₅₅ H ₁₀₀ N ₁₆ O ₁₆
Relative molecular mass	1221.34

Tests	Results
Appearance	yellow lyophilisate
Appearance of solution	clear, yellow solution (1 mg/mL in acetic acid 50%)
Identification (ESI-MS)	m=1221.3u (average mass)
Amino acid analysis	Gly 1.1 (1) Arg 1.2 (1) Ala 1.0 (1) Pro 1.0 (1) Lys 1.1 (1) Leu 2.0 (2) Mca detected at RT 23.6min
Purity (HPLC)	99.0% (TFA) 98.0% (TEAP) 99.1% (NaClO ₄)
Assay (elemental analysis)	78.9% (N _{Th} 18.35%, N _{Fd} 14.48%)

Latest update: February 16, 2021

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