

Analytical Data Sheet

Lot number	1000040191 not for drug use
Product	Ac-Val-Arg-Pro-Arg-AMC trifluoroacetate salt
Product number	4048494.0005
Molecular formula	C ₃₄ H ₅₁ N ₁₁ O ₇
Relative molecular mass	725.85

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (10 mg/mL in 50% acetonitrile)
Identification (MALDI-MS)	m = 725.9 u (average mass)
Purity (HPLC)	98.5% (TFA)
Related impurities (TLC)	< 0.1% AMC (7-amino-4-methylcoumarin)
TLC conditions	n-butanol/acetic acid/ H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	72.7% (Nth 21.23%, Nfd 15.43%)

Latest update: November 13, 2020

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