

Analytical Data Sheet

Lot number

1049367

not for drug use

Catalog Number	N-1395.0005
Product number	4025335.0005
Product	Ac- Leu- Val- Phe- aldehyde
Molecular formula	$C_{22}H_{33}N_3O_4$
Relative molecular mass	403.52

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in MeOH)
Identification (FAB-MS)	$[M + H]^+ : m/z = 404 \text{ u}$
Purity (TLC)	> 95%
TLC conditions	chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	91.4% (Nth 10.41 %, Nfd 9.51 %)
General comment	this product contains TFA
Latest update: August 05, 2013	

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