

Analytical Data Sheet

Lot number

1001174

not for drug use

Catalog Number	I-1000.0050
Product number	4000973.0050
Product	Ac- Ala- Ala- Pro- Ala- AMC
Molecular formula	C ₂₆ H ₃₃ N ₅ O ₇
Relative molecular mass	527.58

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in MeOH/CHCl ₃ 1/1)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -210.6^\circ$ (1 % in MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/benzene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine
Water content (KF volumetric)	0.4%
Latest update: October 25, 2008	

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