

Analytical Data Sheet

Lot number **1065163**
not for drug use

Catalog number **I-1405.0050**
Product number **4010774.0050**
Product **MeOSuc- Ala- Ala- Pro- Met- AMC**
Molecular formula **C₃₁H₄₁N₅O₉S**
Relative molecular mass **659.76**

Tests	Results								
Appearance	yellowish powder								
Appearance of solution	clear, colorless solution (50 mg/ml in dimethylsulfoxide)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 56.44 %</td><td>C = 56.09 %</td></tr><tr><td>H = 6.26 %</td><td>H = 6.41 %</td></tr><tr><td>N = 10.61 %</td><td>N = 10.40 %</td></tr></tbody></table>	Theory	Found	C = 56.44 %	C = 56.09 %	H = 6.26 %	H = 6.41 %	N = 10.61 %	N = 10.40 %
Theory	Found								
C = 56.44 %	C = 56.09 %								
H = 6.26 %	H = 6.41 %								
N = 10.61 %	N = 10.40 %								
Purity (TLC)	99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/acetic acid 85/10/5 chloroform/methanol 9/1 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine								

Latest update: April 06, 2016

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