

Analytical Data Sheet

Lot number **1070142**
not for drug use

Catalog number **N-1555.0005**
Product number **4027402.0005**
Product **Z- Asp(OMe) - Glu(OMe) - Val- DL- Asp(OMe) - fluoromethylketone**
Molecular formula **C₃₀H₄₁FN₄O₁₂**
Relative molecular mass **668.67**

Tests	Results								
Appearance	pale yellow powder								
Appearance of solution	clear, yellowish solution (1 mg/ml in ACN)								
Identification (ESI-MS)	m = 668.66u (average mass)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 53.9 %</td><td>C = 53.7 %</td></tr><tr><td>H = 6.2 %</td><td>H = 6.1 %</td></tr><tr><td>N = 8.4 %</td><td>N = 8.3 %</td></tr></tbody></table>	Theory	Found	C = 53.9 %	C = 53.7 %	H = 6.2 %	H = 6.1 %	N = 8.4 %	N = 8.3 %
Theory	Found								
C = 53.9 %	C = 53.7 %								
H = 6.2 %	H = 6.1 %								
N = 8.4 %	N = 8.3 %								
Identification (TLC)	complies with authentic material								
Purity (TLC)	> 98%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 CHCl ₃ /MeOH 95/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	99.7% (Cth 53.89 %, Cfd 53.74 %)								
General comment	Product is unstable in MeOH								

Latest update: February 14, 2017

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