

Analytical Data Sheet

Lot number

0538309

not for drug use

Catalog Number	I-1710.0025
Product number	4027536.0025
Product	Z- Val- Ala- Asp- AMC
Molecular formula	C ₃₀ H ₃₄ N ₄ O ₉
Relative molecular mass	594.62

Tests	Results									
Appearance	white powder									
Appearance of solution	clear, colorless solution (50 mg/ml in dimethylformamide)									
Identification (FAB-MS)	[M+H] ⁺ : m/z = 595 u									
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 59.0 %</td> <td>C = 59.4 %</td> </tr> <tr> <td>H = 5.9 %</td> <td>H = 5.8 %</td> </tr> <tr> <td>N = 9.2 %</td> <td>N = 9.3 %</td> </tr> </table> calc. x 0.9 water (2.65 %)	Theory	Found	C = 59.0 %	C = 59.4 %	H = 5.9 %	H = 5.8 %	N = 9.2 %	N = 9.3 %	
Theory	Found									
C = 59.0 %	C = 59.4 %									
H = 5.9 %	H = 5.8 %									
N = 9.2 %	N = 9.3 %									
Purity (HPLC)	99.2% (TFA) 99.2% (NaClO ₄)									
Water content (KF volumetric)	2.7%									
Latest update: October 25, 2008		Analytical Data Sheet Lot number 0538309								