

# Analytical Data Sheet

Lot number

## 1047005

not for drug use

<b>Catalog Number</b>	<b>N-1975.0001</b>
<b>Product number</b>	<b>4042558.0001</b>
<b>Product</b>	<b>Z- Leu- Glu(OMe) - Thr- DL- Asp(OMe) - fluoromethylketone</b>
<b>Molecular formula</b>	$C_{30}H_{43}FN_4O_{11}$
<b>Relative molecular mass</b>	654.69

Tests	Results								
<b>Appearance</b>	beige powder								
<b>Appearance of solution</b>	clear, slightly brown solution (1 mg/ml in $CHCl_3/MeOH$ 9/1)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 54.5 %</td> <td>C = 54.5 %</td> </tr> <tr> <td>H = 6.7 %</td> <td>H = 6.5 %</td> </tr> <tr> <td>N = 8.5 %</td> <td>N = 8.6 %</td> </tr> </table> <p>calc. as 0.38 <math>H_2O</math> (1.0 %)</p>	Theory	Found	C = 54.5 %	C = 54.5 %	H = 6.7 %	H = 6.5 %	N = 8.5 %	N = 8.6 %
Theory	Found								
C = 54.5 %	C = 54.5 %								
H = 6.7 %	H = 6.5 %								
N = 8.5 %	N = 8.6 %								
<b>Purity (HPLC)</b>	91.2% (TEAP)								
<b>Assay (elemental analysis)</b>	98.9% (Cth 55.04 %, Cfd 54.45 %)								
<b>Water content (KF volumetric)</b>	1.0%								
Latest update: February 25, 2013	<p style="text-align: right;"><b>Analytical Data Sheet</b> Lot number <b>1047005</b></p>								