

Analytical Data Sheet

Lot number

1024068

not for drug use

Catalog Number	C-3830.0005
Product number	4025742.0005
Product	Z- D- Arg(Pbf) - OH · CHA
Molecular formula	$C_{27}H_{36}N_4O_7S \cdot C_6H_{13}N$
Relative molecular mass	659.85

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 60.1 %</td> <td>C = 59.7 %</td> </tr> <tr> <td>H = 7.5 %</td> <td>H = 7.5 %</td> </tr> <tr> <td>N = 10.6 %</td> <td>N = 10.6 %</td> </tr> </table>	Theory	Found	C = 60.1 %	C = 59.7 %	H = 7.5 %	H = 7.5 %	N = 10.6 %	N = 10.6 %
Theory	Found								
C = 60.1 %	C = 59.7 %								
H = 7.5 %	H = 7.5 %								
N = 10.6 %	N = 10.6 %								
Identification (TLC)	complies with authentic material								
Purity (HPLC)	99.6% (TEAP)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB								
Enantiomer content (GC)	< 0.1% L-Enantiomer								
Other amino acids (GC)	< 0.3%								
Assay (titration)	100.5%								
Latest update: May 13, 2009	Analytical Data Sheet Lot number 1024068								