

Analytical Data Sheet

Lot number

1045200

not for drug use

Catalog Number	A-4765.0250
Product number	4072397.0250
Product	Boc- ε- azido- Nle- OH · DCHA
Molecular formula	$C_{11}H_{20}N_4O_4 \cdot C_{12}H_{23}N$
Relative molecular mass	453.63

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (ESI-MS)	m= 272.3 u (average mass)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 60.9%</td> <td>C = 60.7%</td> </tr> <tr> <td>H = 9.6%</td> <td>H = 9.6%</td> </tr> <tr> <td>N = 15.4%</td> <td>N = 15.4%</td> </tr> </table>	Theory	Found	C = 60.9%	C = 60.7%	H = 9.6%	H = 9.6%	N = 15.4%	N = 15.4%
Theory	Found								
C = 60.9%	C = 60.7%								
H = 9.6%	H = 9.6%								
N = 15.4%	N = 15.4%								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 chloroform/methanol/acetic acid/H ₂ O 90/10/0.5/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH								
Assay (elemental analysis)	99.5% (Nth 15.44%, Nfd 15.36%)								
Assay (titration)	100.4% (TBAH) 99.8% (HClO ₄)								
Water content (KF volumetric)	0.3%								
Latest update: October 31, 2012	Analytical Data Sheet Lot number 1045200								