

## Analytical Data Sheet

Lot number **1000028796**  
not for drug use

Catalog number **A-4765.1000**  
Product number **4072397.1000**  
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= 272.3u (average mass)
Identification (elemental analysis)	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 <sub>2</sub> O 45/13/1/2 chloroform/methanol/acetic acid/H <sub>2</sub> O 90/10/0.5/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, IRH
Assay (elemental analysis)	99.5% (Nth 15.44%, Nfd 15.36%)
Assay (titration)	100.4% (TBAH) 99.8% (HClO <sub>4</sub> )
Water content (KF volumetric)	0.3%

Latest update: February 20, 2020

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