

Analytical Data Sheet

Lot number **1069349**
not for drug use

Catalog number **B-4145.0250**
Product number **4072396.0250**
Product **Fmoc- γ -azido- Abu- OH**
Molecular formula **C₁₉H₁₈N₄O₄**
Relative molecular mass **366.38**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetone)
Identification (ESI-MS)	m= 366.4u (average mass)
Identification (elemental analysis)	Theory Found C = 62.3% C = 62.4% H = 5.0% H = 5.1% N = 15.3% N = 15.2%
Purity (HPLC)	99.4% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH
Assay (elemental analysis)	99.7% (Nth 15.29%, Nfd 15.24%)
Assay (titration)	99.2% (TBAH)
Water content (KF volumetric)	0.1%

Latest update: January 04, 2017

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