

Analytical Data Sheet

Lot number **1000013932**
not for drug use

Catalog number **E-3110.0001**
Product number **4019730.0001**
Product **H- Arg(Pbf) - OH**
Molecular formula **C₁₉H₃₀N₄O₅S**
Relative molecular mass **426.54**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetic acid 80%)
Identification (elemental analysis)	Theory Found C = 51.5% C = 50.9% H = 7.3% H = 7.1% N = 12.6% N = 12.5% calc. x 0.94 H ₂ O (3.8%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 6/5/1/3 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	95.1% (Nth 13.14%, Nfd 12.49%)
Water content (KF volumetric)	3.8%

Latest update: March 25, 2019

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