

Analytical Data Sheet

Lot number **1075733**
not for drug use

Catalog number **A-4185.0005**
Product number **4027638.0005**
Product **Boc- D- Arg(Pmc) - OH**
Molecular formula $C_{25}H_{40}N_4O_7S$
Relative molecular mass 540.69

| Tests | Results |
|-------------------------------------|--|
| Appearance | white product |
| Appearance of solution | clear, colorless solution (50 mg/ml in methanol) |
| Identification (elemental analysis) | Theory Found C = 55.5 % C = 55.1 % H = 7.5 % H = 7.2 % N = 10.4 % N = 10.2 % |
| Identification (TLC) | complies with authentic material |
| Purity (TLC) | > 99% |
| TLC conditions | chloroform/methanol/benzene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |

Latest update: February 21, 2018

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