

Analytical Data Sheet

Lot number

1020238

not for drug use

| | |
|--------------------------------|-----------------------------|
| Catalog Number | B-2520.0001 |
| Product number | 4015747.0001 |
| Product | Fmoc-Lys(Adpoc) - OH |
| Molecular formula | $C_{35}H_{44}N_2O_6$ |
| Relative molecular mass | 588.74 |

| Tests | Results |
|---------------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/ml in methanol) |
| Identification (TLC) | complies with authentic material |
| Purity (HPLC) | 98.1 % (TFA) |
| Related impurities (HPLC) | 0.2% Fmoc-Lys-OH |
| Purity (TLC) | > 98 % |
| Related impurities (TLC) | < 0.5% Fmoc-Lys-OH x HCl |
| TLC conditions | chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |
| Residual organic solvents (GC) | 0.4% ethylacetate 1.8% dioxane 0.6% hexane 0.6% diisopropylether |

Latest update: November 10, 2008

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