

Analytical Data Sheet

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|--------------------------------|---|
| Lot number | 1000041216 not for drug use |
| Product | Fmoc-D-Tyr(Me)-OH |
| Product number | 4025244.0001 |
| Molecular formula | C ₂₅ H ₂₃ NO ₅ |
| Relative molecular mass | 417.46 |

| Tests | Results |
|--|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/mL in dioxane) |
| Identification (elemental analysis) | C-Value 71.9% H-Value 5.5% N-Value 3.4% |
| Identification (TLC) | complies with authentic material |
| Melting point | 163 °C |
| Purity (HPLC) | 99.8% (TFA, 260nm) |
| Purity (TLC) | > 99% |
| TLC conditions | chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 benzene /dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |

Latest update: November 12, 2020

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