

Analytical Data Sheet

Lot number

0504242

not for drug use

| | |
|--------------------------------|---|
| Catalog Number | F-2975.0001 |
| Product number | 4018926.0001 |
| Product | Ac- D- Phe- OMe |
| Molecular formula | C ₁₂ H ₁₅ NO ₃ |
| Relative molecular mass | 221.26 |

| Tests | Results |
|----------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (50 mg/ml in MeOH) |
| Identification (TLC) | complies with authentic material |
| Melting point | 90 °C |
| Specific optical rotation | $[\alpha]_D^{24} = -16.7^\circ$ (1 % in MeOH) |
| Purity (TLC) | > 99% |
| TLC conditions | chloroform/methanol/benzene/H ₂ O 8/8/8/1 benzene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine |
| Latest update: October 25, 2008 | |

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