

## Analytical Data Sheet

Lot number **1000016843**  
not for drug use

Catalog number **E-2750.0005**  
Product number **4014119.0005**  
Product **H- Tyr- OMe**  
Molecular formula  $C_{10}H_{13}NO_3$   
Relative molecular mass 195.22

| Tests                               | Results   |
|-------------------------------------|---|
| Appearance                          | white powder  |
| Appearance of solution              | clear, colorless solution (50 mg/mL in methanol)  |
| Identification (elemental analysis) | Theory Found<br>C = 61.5% C = 61.6%<br>H = 6.7% H = 6.7%<br>N = 7.2% N = 7.0%   |
| Identification (TLC)                | complies with authentic material  |
| Melting point                       | 136 °C  |
| Specific optical rotation           | $[\alpha]_D^{24} = +26.1^\circ$ (2.4% in methanol)  |
| Purity (TLC)                        | > 99%   |
| TLC conditions                      | n-butanol/acetic acid/H <sub>2</sub> O 4/2/2<br>chloroform/methanol/acetic acid 32% 5/3/1<br>ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11<br>plate: silicagel 60 F <sub>254</sub><br>detected by: UV, ninhydrin, chlorine-tolidine |

Latest update: June 17, 2019

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