

## Analytical Data Sheet

Lot number **1070966**  
not for drug use

Catalog number **E-1690.0001**  
Product number **4010073.0001**  
Product **H- Tyr(tBu) - OtBu · HCl**  
Molecular formula **C<sub>17</sub>H<sub>27</sub>NO<sub>3</sub> · HCl**  
Relative molecular mass **329.87**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (elemental analysis)	Theory Found C = 61.9 % C = 62.1 % H = 8.6 % H = 8.5 % N = 4.3 % N = 4.2 %
Identification (TLC)	conforms with authentic material
Melting point	151.8 °C
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	0.3%
Chloride content (titration)	10.9% (AgNO <sub>3</sub> )

Latest update: April 03, 2017

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