

## Analytical Data Sheet

Lot number **1000005959**  
not for drug use

Catalog number **G-2425.0001**  
Product number **4002494.0001**  
Product **H- Ile- Pro- OH**  
Molecular formula  $C_{11}H_{20}N_2O_3$   
Relative molecular mass 228.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -67.1^\circ$ (1% in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (titration)	96.0% (TBAH)
Water content (KF volumetric)	4.3%

Latest update: September 13, 2018

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