

Analytical Data Sheet

Lot number **1071661**
not for drug use

Catalog number **F-1810.0001**
Product number **4008387.0001**
Product **H- α - Me- DL- Trp- OH**
Molecular formula **C₁₂H₁₄N₂O₂**
Relative molecular mass **218.26**

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (100 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -0.4^\circ$ (1 % in water)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, Ehrlich
Water content (KF volumetric)	6.9%

Latest update: May 11, 2017

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