

Analytical Data Sheet

Lot number **1066747**
not for drug use

Catalog number **E-1235.0001**
Product number **4007294.0001**
Product **Ac- Trp- ONp**
Molecular formula **C₁₉H₁₇N₃O₅**
Relative molecular mass **367.36**

Tests	Results
Appearance	yellow powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (TLC)	Complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -22.9^\circ$ (1 % in dioxane)
Purity (TLC)	> 99% (RP-8)
TLC conditions	Chloroform/methanol 9/1 Chloroform/methanol/acetic acid 77.5/15/7.5 Chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine MeOH 80 % Plate: RP-8
Assay (elemental analysis)	99.5% (Nth 11.44 %, Nfd 11.38 %)

Latest update: July 11, 2016

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