

# Analytical Data Sheet

Lot number

**1018951**

not for drug use

<b>Catalog Number</b>	E-1235.0005
<b>Product number</b>	4007294.0005
<b>Product</b>	Ac- Trp- ONp
<b>Molecular formula</b>	C <sub>19</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>
<b>Relative molecular mass</b>	367.36

Tests	Results
<b>Appearance</b>	yellow powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)
<b>Identification (TLC)</b>	Complies with authentic material
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = -22.9^\circ$ (1 % in dioxane)
<b>Purity (TLC)</b>	> 99% (RP-8)
<b>TLC conditions</b>	Chloroform/methanol 9/1 Chloroform/methanol/acetic acid 77.5/15/7.5 Chloroform/methanol/acetic acid(98-100%)/H <sub>2</sub> O 45/13/1/2 Plate: silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine MeOH 80 % Plate: RP-8
<b>Assay (elemental analysis)</b>	99.5% (Nth 11.44 %, Nfd 11.38 %)
Latest update: October 24, 2008	

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