

# Analytical Data Sheet

Lot number

**1046705**

not for drug use

<b>Catalog Number</b>	C-1260.0025
<b>Product number</b>	4006793.0025
<b>Product</b>	Z- Abu- OH
<b>Molecular formula</b>	C <sub>12</sub> H <sub>15</sub> NO <sub>4</sub>
<b>Relative molecular mass</b>	237.26

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	79 °C
<b>Specific optical rotation</b>	$[\alpha]_D^{24} = + 15.2^\circ$ (1 % MeOH)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 90/8/2 toluene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	99.9% (Cth 60.75 %, Cfd 60.07 %)
Latest update: February 06, 2013	

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