

# Analytical Data Sheet

Lot number

**1020014**

not for drug use

<b>Catalog Number</b>	<b>E-3340.0001</b>
<b>Product number</b>	<b>4026775.0001</b>
<b>Product</b>	<b>H- Thr(tBu) – allyl ester · HCl</b>
<b>Molecular formula</b>	<b>C<sub>11</sub>H<sub>21</sub>NO<sub>3</sub> · HCl</b>
<b>Relative molecular mass</b>	<b>251.75</b>

Tests	Results								
<b>Appearance</b>	white crystals								
<b>Appearance of solution</b>	clear, colorless solution (25 mg/ml in MeOH)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 52.5 %</td> <td>C = 52.3 %</td> </tr> <tr> <td>H = 8.8 %</td> <td>H = 8.7 %</td> </tr> <tr> <td>N = 5.6 %</td> <td>N = 5.5 %</td> </tr> </table> <p>calc. as 1 HCl (14.48 %)</p>	Theory	Found	C = 52.5 %	C = 52.3 %	H = 8.8 %	H = 8.7 %	N = 5.6 %	N = 5.5 %
Theory	Found								
C = 52.5 %	C = 52.3 %								
H = 8.8 %	H = 8.7 %								
N = 5.6 %	N = 5.5 %								
<b>Identification (TLC)</b>	complies with authentic material								
<b>Purity (TLC)</b>	> 99%								
<b>TLC conditions</b>	chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol 9/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine–tolidine								
<b>Assay (elemental analysis)</b>	99.7 % (Cth 52.48 %, Cfd 52.30 %)								
<b>Water content (KF volumetric)</b>	< 0.5%								
<b>Chloride content (titration)</b>	14.1 %								
Latest update: October 29, 2008	<b>Analytical Data Sheet</b> Lot number <b>1020014</b>								