

# Analytical Data Sheet

Lot number

## 1048254

not for drug use

<b>Catalog Number</b>	<b>A-1350.0025</b>
<b>Product number</b>	<b>4003490.0025</b>
<b>Product</b>	<b>Boc- Ser(Bzl) - ONp</b>
<b>Molecular formula</b>	$C_{21}H_{24}N_2O_7$
<b>Relative molecular mass</b>	416.43

Tests	Results								
<b>Appearance</b>	clear, yellow oil								
<b>Appearance of solution</b>	clear, slightly yellowish solution (50 mg/ml in acetone)								
<b>Identification (elemental analysis)</b>	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 60.57 %</td> <td>C = 60.39 %</td> </tr> <tr> <td>H = 5.81 %</td> <td>H = 5.87 %</td> </tr> <tr> <td>N = 6.73 %</td> <td>N = 6.61 %</td> </tr> </table>	Theory	Found	C = 60.57 %	C = 60.39 %	H = 5.81 %	H = 5.87 %	N = 6.73 %	N = 6.61 %
Theory	Found								
C = 60.57 %	C = 60.39 %								
H = 5.81 %	H = 5.87 %								
N = 6.73 %	N = 6.61 %								
<b>Identification (TLC)</b>	conforms with authentic material								
<b>Purity (TLC)</b>	decomposes on TLC plate								
<b>TLC conditions</b>	chloroform/ethylacetate/acetic acid 90/10/2 toluene/dioxane/acetic acid 95/25/4 ethylacetate/hexane 4/5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate  MeOH 80 % plate: RP-8 detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate								
<b>Assay (elemental analysis)</b>	99.7% (Cth 60.57 %, Cfd 60.39 %)								
Latest update: May 21, 2013	<b>Analytical Data Sheet</b> Lot number <b>1048254</b>								