

## Analytical Data Sheet

Lot number **1055779**  
not for drug use

Catalog number **A-1960.0005**  
Product number **4003196.0005**  
Product **Boc- Met- ONp**  
Molecular formula **C<sub>16</sub>H<sub>22</sub>N<sub>2</sub>O<sub>6</sub>S**  
Relative molecular mass **370.43**

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, yellow solution (50 mg/ml in acetone)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 51.88 %</td><td>C = 51.58 %</td></tr><tr><td>H = 5.99 %</td><td>H = 5.83 %</td></tr><tr><td>N = 7.56 %</td><td>N = 7.55 %</td></tr></tbody></table>	Theory	Found	C = 51.88 %	C = 51.58 %	H = 5.99 %	H = 5.83 %	N = 7.56 %	N = 7.55 %
Theory	Found								
C = 51.88 %	C = 51.58 %								
H = 5.99 %	H = 5.83 %								
N = 7.56 %	N = 7.55 %								
Identification (TLC)	complies with authentic material								
Melting point	97 °C								
Specific optical rotation	$[\alpha]_D^{24} = -50.2^\circ$ (1 % in methanol)								
Purity (TLC)	> 98%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate								