

Analytical Data Sheet

Lot number

1050265

not for drug use

Catalog Number	C-3460.0005
Product number	4001178.0005
Product	Z- Ser(Tos) - OMe
Molecular formula	C ₁₉ H ₂₁ NO ₇ S
Relative molecular mass	407.44

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 56.01 %</td> <td>C = 56.14 %</td> </tr> <tr> <td>H = 5.20 %</td> <td>H = 5.33 %</td> </tr> <tr> <td>N = 3.44 %</td> <td>N = 3.41 %</td> </tr> </table>	Theory	Found	C = 56.01 %	C = 56.14 %	H = 5.20 %	H = 5.33 %	N = 3.44 %	N = 3.41 %
Theory	Found								
C = 56.01 %	C = 56.14 %								
H = 5.20 %	H = 5.33 %								
N = 3.44 %	N = 3.41 %								
Identification (TLC)	conforms with authentic material								
Melting point	122 °C								
Specific optical rotation	$[\alpha]_D^{24} = -10.6^\circ$ (2 % in dimethylformamide)								
Purity (TLC)	≥ 98%								
TLC conditions	benzene/dioxane/acetic acid 95/25/4 ethylacetate/hexane 4/5 chloroform/ethylacetate/acetic acid 90/10/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Latest update: October 08, 2013									