

Analytical Data Sheet

Lot number **1057641**
not for drug use

Catalog number **E-2480.0005**
Product number **4000086.0005**
Product **Tos- Gly- OSu**
Molecular formula **C₁₃H₁₄N₂O₆S**
Relative molecular mass **326.33**

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in dioxane)								
Identification (elemental analysis)	<table> <thead> <tr> <th>Theory</th> <th>Found</th> </tr> </thead> <tbody> <tr> <td>C = 47.9 %</td> <td>C = 47.8 %</td> </tr> <tr> <td>H = 4.3 %</td> <td>H = 4.2 %</td> </tr> <tr> <td>N = 8.6 %</td> <td>N = 8.7 %</td> </tr> </tbody> </table>	Theory	Found	C = 47.9 %	C = 47.8 %	H = 4.3 %	H = 4.2 %	N = 8.6 %	N = 8.7 %
Theory	Found								
C = 47.9 %	C = 47.8 %								
H = 4.3 %	H = 4.2 %								
N = 8.6 %	N = 8.7 %								
Identification (TLC)	conforms with authentic material								
Identification and purity (TLC)	decomposes on TLC-Plate								
Melting point	114 °C								
Purity (TLC)	decomposes on TLC plate								
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine MeOH 50 % plate: RP-8 detected by: chlorine-tolidine, ammoniummolybdate								
Assay (elemental analysis)	99.9% (Cth 47.85 %, Cfd 47.79 %)								