

## Analytical Data Sheet

Lot number **1000028934**  
not for drug use

Catalog number **E-1145.0001**  
Product number **4000604.0001**  
Product **Ac- Met- OMe**  
Molecular formula **C<sub>8</sub>H<sub>15</sub>NO<sub>3</sub>S**  
Relative molecular mass **205.28**

Tests	Results								
Appearance	beige powder								
Appearance of solution	slightly beige, clear solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 46.8 %</td><td>C = 46.6 %</td></tr><tr><td>H = 7.4 %</td><td>H = 7.4 %</td></tr><tr><td>N = 6.8 %</td><td>N = 6.8 %</td></tr></tbody></table>	Theory	Found	C = 46.8 %	C = 46.6 %	H = 7.4 %	H = 7.4 %	N = 6.8 %	N = 6.8 %
Theory	Found								
C = 46.8 %	C = 46.6 %								
H = 7.4 %	H = 7.4 %								
N = 6.8 %	N = 6.8 %								
Identification (TLC)	conforms with authentic material								
Melting point	40 °C								
Specific optical rotation	$[\alpha]_D^{24} = -29.5^\circ$ (1 % in MeOH)								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 90/8/2 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine								
Assay (elemental analysis)	99.5% (Cth 46.81 %, Cfd 46.57 %)								

Latest update: February 20, 2020

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