

Analytical Data Sheet

Lot number **1073608**
not for drug use

Catalog number **E-1145.0005**
Product number **4000604.0005**
Product **Ac- Met- OMe**
Molecular formula **C₈H₁₅NO₃S**
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)	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 ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.5% (Cth 46.81 %, Cfd 46.57 %)

Latest update: September 25, 2017

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