

Analytical Data Sheet

Lot number **1000025467**
not for drug use

Catalog number **G-3045.0001**
Product number **4014003.0001**
Product **H- Pro- Met- OH**
Molecular formula $C_{10}H_{18}N_2O_3S$
Relative molecular mass 246.33

| Tests | Results |
|-------------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (25 mg/ml in water) |
| Identification (ESI-MS) | m = 246.2u |
| Identification (elemental analysis) | Theory Found C = 48.4 % C = 48.3 % H = 7.4 % H = 7.0 % N = 11.3 % N = 11.3 % calc. x 0.1 H ₂ O (0.7 %) |
| Melting point | 230 °C |
| Purity (TLC) | > 99% |
| TLC conditions | chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine |
| Water content (KF volumetric) | 0.8% |

Latest update: November 27, 2019

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