

Analytical Data Sheet

Lot number **1067387**
not for drug use

Catalog number **E-3465.0025**
Product number **4028317.0025**
Product **(H- Cys- allyl ester)₂ · 2 p- tosylate
(Disulfide bond)**
Molecular formula **C₁₂H₂₀N₂O₄S₂ · 2C₇H₈O₃S**
Relative molecular mass **664.84**

Tests	Results
Appearance	beige powder
Appearance of solution	clear, slightly yellow solution (50 mg/mL in methanol)
Identification (ESI-MS)	m = 320.4u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 97%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.9% (Cth 46.97%, Cfd 46.92%)
Water content (KF volumetric)	0.9%

Latest update: August 18, 2016

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