

Analytical Data Sheet

Lot number **1000013215**
not for drug use

Catalog number **N-1005.0025**
Product number **4008089.0025**
Product **H- Ala- Ala- Phe- chloromethylketone · TFA**
Molecular formula $C_{16}H_{22}ClN_3O_3 \cdot C_2HF_3O_2$
Relative molecular mass 453.85

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, colorless solution (10 mg/ml in water)
Identification (ESI-MS)	m = 339.6u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 95%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	74.0% (Nth 9.15 %, Nfd 12.37 %)

Latest update: March 06, 2019

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