

Analytical Data Sheet

Lot number

1026724

not for drug use

Catalog Number	N-1315.0005
Product number	4018100.0005
Product	Calpain Inhibitor II Ac- Leu- Leu- Met- aldehyde
Molecular formula	$C_{19}H_{35}N_3O_4S$
Relative molecular mass	401.57

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/ml in MeOH)
Identification (ESI-MS)	m = 401.4 u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 95%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol 9/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	89.5% (Nth 10.96 %, Nfd 9.81 %)
Latest update: September 25, 2009	Analytical Data Sheet Lot number 1026724