

Analytical Data Sheet

Lot number

1041045

not for drug use

Catalog Number	N-1635.0005
Product number	4027888.0005
Product	Calpain Inhibitor IV Z- Leu- Leu- Leu- aldehyde
Molecular formula	$C_{26}H_{41}N_3O_5$
Relative molecular mass	475.63

Tests	Results	
Appearance	white powder	
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)	
Identification (FAB-MS)	[M+H] ⁺ : m/z = 476 u	
Purity (HPLC)	92.5% (TFA) 90.8% (NaClO ₄)	
Purity (TLC)	> 95%	
TLC conditions	chloroform/methanol/acetic acid 90/8/2 ethylacetate/hexane 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine	
Assay (elemental analysis)	98.4% (Cth 65.65 %, Cfd 64.61 %)	
Latest update: February 08, 2012		Analytical Data Sheet Lot number 1041045