

Analytical Data Sheet

Lot number	1000045079 not for drug use
Catalog number	N-1535.0025
Product	Calpain Inhibitor III
Product number	4027129.0025
Molecular formula (net)	$C_{22}H_{26}N_2O_4$
Molecular mass (average)	382.5

Tests	Results
Components	
Appearance	
Color	white
Physical form	powder
Visible impurities	none
Appearance of solution	
Clarity	clear
Color of solution	colorless
Visible impurities	none
Solvent and concentration	50 mg/mL in acetonitril
Identification (TLC)	
R _f value	complies
Purity (TLC)	
Purity	≥ 95%
Assay (elemental analysis)	
Assay (EA, as is)	95.2%
Water content (Karl Fischer volumetric)	
Water content	0.99%

This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

Date created: February 16, 2021