Certificate of Analysis

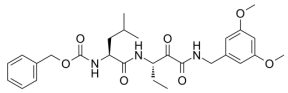
Calpain-2-IN-1

Cat. No.:	HY-145155
CAS No.:	144231-85-6
Batch No.:	244309
Chemical Name:	Carbamic acid, [(1S)-1-[[[(1S)-3-[[(3,5-dimethoxyphenyl)methyl]amino]-1-ethyl-2,3-dioxopropyl]amino]carbonyl]-3-methylbutyl]-, phenylmethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{28}H_{37}N_3O_7$		
Molecular Weight:	**527.61**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (HPLC):	**98.84%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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