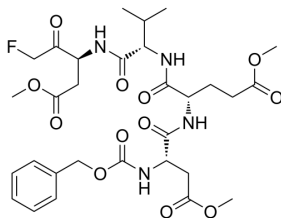


Certificate of Analysis

Product Name:	Z-DEVD-FMK
Cat. No.:	CS-3454
CAS No.:	210344-95-9
Batch No.:	13764
Chemical Name:	L-Valinamide, N-[(phenylmethoxy)carbonyl]-L- α -aspartyl-L- α -glutamyl-N-[(1S)-3-fluoro-1-(2-methoxy-2-oxoethyl)-2-oxopropyl]-, 1,2-dimethyl ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₃₀ H ₄₁ FN ₄ O ₁₂
Molecular Weight:	668.66
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (NMR):	≥98.0%
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.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite F, Monmouth Junction, NJ 08852, USA