



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Z-Asp(OMe)-Glu(OMe)-Val-Asp(OMe)-Fluoromethyl-Ketone_
Catalog Number: FK010_
Lot: Q9784_

Formula: C₃₀H₄₁O₁₂N₄F

CAS #: N/A

Physical Description: White to Off-white Solid

Formula Weight: 668.7

Storage: -20°C, desiccated

| Test | Specification | Result |
|---------------|---|----------------|
| Identity Test | Passes | Passes |
| Mass Spec | M + 1 = 668.7 ± 1.0 and/or M + Na = 691.7 ± 1.0 | 668.24 |
| Purity | >95% (TLC) (Ethyl acetate: 9, Hexane:1, Single spot, Rf: 0.5) | 98.040% (HPLC) |

The Carboxyl groups are OMe ester form to enhance cell permeability. If purified enzyme is used, esterase should be added for the hydrolysis of the ester groups.

Recommended Retest Date: 07/31/2023

08/27/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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