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ENZYME SYSTEMS PRODUCTS

a division of



Certificate of Analysis

Z-Asp(OMe)-Glu(OMe)-Val-Asp(OMe)-FMK

Catalog #: FK010

Lot #: 8VM30

TARGET: Caspase 3, 7 inhibitor

SEQUENCE: Z-Asp(OMe)-Glu(OMe)-Val-Asp(OMe)-FMK
Z-D(OMe)E(OMe)VD(OMe)-FMK

Formula: C₃₀H₄₁O₁₂N₄F

Molecular Weight: 668.7

Storage: -20°C, desiccate

Form: White Solid

Solubility: DMSO

ANALYTICAL DATA:

Mass Spec: M+1=669.1

M+Na=691.3

Chromatography: EtOAc: 9, Hex: 1, Single Spot, Rf:0.5

SOLUBILITY: Make a stock solution of 20 mM in high purity DMSO (>99.9%). The solid product is stable in the desiccator at room temperature for 1 year. The stock solution is stable at -20°C freezer for 6-8 months. Keep sealed after removing from the freezer until its temperature equilibrates with room temperature.

NOTE: 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.

Approved by: Robert Beattie

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