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## ENZYME SYSTEMS PRODUCTS

a division of



# Certificate of Analysis

**Biotin-Val-Ala-Asp(OMe)-FMK**

Catalog #: FK014

Lot #: 8VM35

**TARGET:** General caspase inhibitor/ Probe

**SEQUENCE:** Biotin-Val-Ala-Asp(OMe)-FMK  
Biotin-VAD(OMe)-FMK

**Molecular Weight:** 672

**Storage:** Keep cool and dry

**Form:** Brown Solid

### ANALYTICAL DATA:

**Mass Spec:** M+1= 673.3

**Chromatography:** Butanol : Acetic acid : Water = 8 : 1 : 1 (v/v), Single Spot, Rf = 0.8

**SOLUBILITY:** A stock solution can be made of 20 mM in high purity DMSO. The solid product is stable in the desiccator at room temperature for 1 year. The stock solution will be stable in a -20°C freezer for 6-8 months if care is taken by choosing DMSO with maximum dryness (>99.9%) , and upon removal from the freezer allow to equilibrate to room temperature before opening.

**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

Quality Control Director

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