



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200

Toll Free: 800/854-0530

Fax: 440/337-1180

mailto: biotech@mpbio.com

web: www.mpbio.com

ENZYME SYSTEMS PRODUCTS

a division of



Certificate of Analysis

Q-Val-Asp-OPh

Catalog #: OPH109

Lot #: 2VM24

TARGET: A new generation broad spectrum Caspase Inhibitor from the innovators of Z-VAD(OMe)-FMK

SEQUENCE: Q-Val-Asp-OPh
Q-VD-OPh

The novel **Q-VD-OPH** compound **synthesized using proprietary technology** is an irreversible caspase inhibitor specifically designed for *in-vivo and in-vivo* research. The "OPH" trap with its superior potency, proven cell permeability and minimal toxicity provides an exceptional alternative to the Fluoromethylketone family of inhibitors. These two types of compounds may form the basis for important new drug candidates for a wide variety of disease targets.

M.W.: 513

Storage: Keep cool and dry

Form: Off-white semi solid

ANALYTICAL DATA:

Mass Spectrometry: M+1=514.0

M+Na = 536.2

Purity HPLC > 95%

Chromatography TLC Rf: 0.4 one spot, EtOAc: 6,Hex:4, ACOH:0.1

SOLUBILITY: DMSO

Stability: > 1 year stored in desiccator, > 3 year stored at - 20 degree C

Approved by: *Robert Beattie*

Quality Control Director

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