

## CERTIFICATE OF ANALYSIS

<b>PRODUCT:</b>	<b>Z-VRPR-FMK</b> [MALT1 Inhibitor; Z-Val-Arg-Pro-DL-Arg-FMK . TFA; Z VRPR FMK] C <sub>31</sub> H <sub>49</sub> FN <sub>10</sub> O <sub>6</sub> . C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub> , M.W. 676.8 . 114.0,
<b>PRODUCT NUMBER:</b>	Z-1009
<b>LOT NUMBER:</b>	E1399
<b>APPEARANCE:</b>	Slightly yellow solid
<b>SOLUBILITY:</b>	Soluble in water
<b>PURITY (HPLC):</b>	94.2%
<b>SEQUENCE:</b>	Z-Val-Arg-Pro-DL-Arg-fluoromethylketone
<b>DESCRIPTION:</b>	The proteolytic activity of the paracaspase MALT1 is key to NF-κB and T cell activation. Z-VRPR-FMK is a selective MALT1 inhibitor of such proteolytic activity.
<b>STORAGE &amp; HANDLING:</b>	Keep cool and dry at -20°C. Avoid freeze/thaw cycles. <b>HYGROSCOPIC!</b>

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: *AS*