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TECHNICAL INFORMATION

ENZYME SYSTEMS PRODUCTS

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Technical Data Sheet

Method for Assay Z-Val-Glu(OMe)-Ile-Asp(OMe)-FMK Inhibitor

Materials:

- Dissolve 3 mg of Z-Val-Glu(OMe)-Ile-Asp(OMe)-FMK in 460 μ l DMSO = 10 mM solution
- Dissolve 1 mg of Z-Val-Glu(OMe)-Ile-Asp(OMe)-FMK in 153 μ l DMSO = 10 mM solution

Method:

Levels of DMSO above 0.2% may cause some cellular toxicity in culture medium, thus masking the effect of the ICE-protease inhibitors. 2 μ l of 10mM stock solution in 1ml medium = 20 μ M final Z-Val-Glu(OMe)-Ile-Asp(OMe)-FMK concentration. Effective final concentrations are estimated to be 5-20 μ M.

Storage:

We recommend 4° C storage of DMSO solution. Solid Z-Val-Glu(OMe)-Ile-Asp(OMe)-FMK may be stored desiccated at room temperature.

NOTE:

This inhibitor is designed as a methyl ester to facilitate cell permeability. If the intended use is on purified or recombinant enzymes, esterase should be added to generate the free carboxyl groups. Please contact us for more details.